

-Info-Public Service Commission

From: Bob Tepp <Bob.Tepp@res-americas.com>
Sent: Tuesday, November 18, 2014 4:45 PM
To: -Info-Public Service Commission; thartlece@carlsonmccain.com
Cc: Sean Flannery; Kenny Knecht
Subject: Border Winds Weekly Reports
Attachments: Border Wind - Weekly Construction Progress Call Notes 20141030.pdf; Border Winds - Weekly Construction Progress Call Agenda 20141106.pdf; Border Winds Weekly Construction Progress Call Notes 20141023.pdf

Sirs,

I am sending copies of the recent weekly reports for the Border Winds Energy Project to catch up to current and will be providing weekly updates going forward. I apologize for the delay in starting this process. Please feel free to contact me if you have any questions or concerns.

Respectfully,
Bob

Bob Tepp | Project Manager

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Border Winds Energy
Notes of Conference Call 20141030

| Name | Present | Organization | | Name | Present | Organization |
|-------------------------|---------|--------------|--|----------------------|---------|--------------|
| Bob Tepp (BT) | X | RES | | Brad Morrison (BMo) | X | Xcel |
| Larry Clark (LC) | | RES | | Zach Smith (ZS) | X | Xcel |
| Brian Christiansen | X | RES | | Nathan Svoda (NS) | X | Xcel |
| Shabeeb Khader | X | RES | | Tony Mallizio (TM) | | Xcel |
| George Protz | | RES | | Paul Logan (PL) | | Xcel |
| Brandon Rhine | X | RES | | Michael O'Brien (MO) | X | Xcel |
| Lester Archer | X | RES | | Doug Harthun | X | Xcel |
| Tim Mapp | | RES | | | | |
| Martin Macias | | RES | | | | |
| Fred Lillie | | RES | | | | |
| | | | | | | |
| Chris Hills (CH) | | RES | | | | |
| Kenny Knecht (KK) | X | RES | | | | |
| Julio Lima (JL) | | RES | | | | |
| David Calitz (DC) | | RES | | | | |
| Kyler Leen (KL) | | RES | | | | |
| Mohamed Nofal (MN) | X | RES | | | | |
| Jomaa Ben-Hassine (JBH) | | RES | | | | |
| Ryan Burris (RB) | | RES | | | | |
| Steve Keuter | X | RES | | | | |
| Steve Wichern | | RES | | | | |
| Sean Flannery | | RES | | | | |
| Brad Lila | | RES | | | | |
| Ben Cass | | RES | | | | |
| Jenny Bredt (JB) | | RES | | | | |
| | | | | | | |
| | | | | | | |



1. Safety Review:

- a. Current Site Safety Index: 0.54
- b. Current TRIR: 0.00
- c. Completed 111 days onsite and 92,701 man hours
- d. Completed 21 orientations in the current period and 315 project to date
- e. Lost time injuries: 0 in week, 0 PTD
- f. Recordable injuries: 0 in week, 0 PTD
- g. First Aids: 0 in week, 8 PTD
- h. Property Damage: 2 in week, 11 PTD
- i. Near Misses: 2 in week, 23 PTD
- j. 3X20 Observations: 38 in week, 224 PTD

2. Review of Weekly Report

3. Review of Project Schedule



BORDER WINDS ENERGY PROJECT

WEEKLY PROJECT REPORT

| | |
|--|----------|
| Weekly report no: | 15 |
| Report for week period ending COB Friday: | 10/24/14 |
| Calendar week no: | 43 |

Executive Summary

This Week's Highlights

- Completed work activities with zero recordable injuries accounting for 11,305 man hours in the current week and 92,072 man hours project to date – TRIR remains at 0.00;
- Completed construction of 147,897 LF out of 189,136 LF of access road aggregate placement project to date – 78% complete;
- Completed five (5) excavations for a total of 65 of 75 sites to date – 87%;
- Poured five (5) mud mats for a total of 61 of 75 sites to date – 81%
- Poured seven (7) bases for a total of 54 of 75 foundation bases project to date – 72% complete;
- Poured eleven (11) pedestals for a total of 53 of 75 foundation pedestals project to date – 71% complete;
- Backfilled four (4) foundations for a total of 46 of 75 foundations project to date – 61% complete;
- Trenched and backfilled 14,708 LF of Collection System to date - 5% complete;
- Placed 21,290 LF of MV cable to date (includes pulls through bores) – 7% complete;
- Poured O&M Building foundation footings and forming for wall pours.

This Week's Key Issues

- Received NCR-2014-34 for organic material beneath subgrade material in the substation pad – identified material as a subgrade organic vein that is being removed;
- Received NCR-2014-35 for placement of concrete with standing water on the mud mat at T48 – responded to Xcel with supporting TEF from engineering stating that the amount and location of water was not a concern;



- Closed out NCR-2014-026 regarding installation of geogrid on 105th St and Access Road T-1, reviewed onsite with Rolette County and Xcel, response accepted by Xcel;
- Working with Rosendin on substation grading/foundation plans with 100% to be issued 10/27/14– need to achieve IFC status for foundation pours. – **Working with Rosendin on a revised 90% design to be submitted ASAP.**



Safety

*Full description of week's Safety Log can be found in Exhibit 2

| Type | Lost Time | Recordable Injury (Medical Aid) | Minor Injury (First Aid) | Equipment Property Damage | Near Miss | 3X20 Observation |
|-----------------|-----------|---------------------------------|--------------------------|---------------------------|-----------|------------------|
| Current Period | 0 | 0 | 0 | 2 | 2 | 38 |
| Project To Date | 0 | 0 | 8 | 11 | 23 | 224 |

TRIR = 0.00

$((\text{Lost Time} + \text{Medical Aid}) * 200,000) / \text{Total Man Hours}$

RES Safety Index = +0.54

$((\text{Lost Time} * 64) + (\text{Injury} * 16) + (\text{Minor Injury} * 4) + (\text{Damage} * 1) + (\text{Near Miss} * 0.25)) / \text{Man Hours} * 1000$

Week's Highlights:

- Completed work with zero reportable injuries or first aids;
- Border Winds started an American Cancer Society No-Shave November team to support charitable donations for cancer research. **Met site goal of \$1,000**

Week's Issues:

- A phone cable not marked by the phone company was severed during a trenching operation with proper one call in place;
- A crew trucks windshield was cracked when a rock was thrown by the wheels of an aggregate truck.

Project Work Hours:

- Weekly Man-hours: 11,305
- PTD Man-hours: 92,072



Environmental

*Full description of week's Environmental Report can be found in Exhibit 2

| Type | Major Incident | Minor Incident | Near Miss | Observation |
|-----------------|----------------|----------------|-----------|-------------|
| Current Period | 0 | 1 | 0 | 2 |
| Project to Date | 0 | 36 | 3 | 9 |

Rolling Incident Score: **1.59**

Week's Highlights:

- Maintained site roads to ensure proper drainage.

Week's Issues:

- Observed increase in debris on site - addressed the issue at the All Hands Safety Meeting to maintain a clean work site every day;
- Observed an unidentified large bird near T30 & T32. No photographs available for identification;
- Anti-freeze leak from smooth drum roller while operating at the substation pad was contained and cleaned up.



Quality

*Full description of week's Quality Report can be found in Exhibit 3

| | NCRs | | | Incidents | | | CPARs | | |
|--------|--------|------|--------|-----------|------|--------|--------|------|--------|
| | Issued | Open | Closed | Issued | Open | Closed | Issued | Open | Closed |
| Weekly | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 4 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |

Week's Highlights:

- On-going - sieve testing, material proctor, compaction testing, proof rolling, visual inspections for organics in the subgrade, concrete breaks & turbine base backfills;
- On-going – monitor placement of concrete for mud mats, turbine bases, and turbine pedestals;
- On-going - Daily Quality Meeting, the purpose of the meeting is to convey any quality construction issues between the RES quality team, RES management and Xcel.

Work Area Inspections conducted:

- Inspected foundation subgrades for T5, T8, T9, T15 & T16 – acceptable for mud mat;
- Inspection of base reinforcing steel for T5, T8, T19, T22, T23, & T24 – acceptable for concrete placement;
- Monitored turbine base concrete placement for T5, T8, T19, T22, T23, & T24;
- Monitored turbine pedestal concrete placement for T2, T3, T5, T12, T13, T14, T19, T21, T22, T23 & T24;
- Inspection of back fills for T77, T78, T79 & T80 – acceptable for back fill;
- Inspected substation subgrade and density checks, all density tests passed;
- Inspected Substation building subgrade and density checks; **Data to be provided to Xcel**
- Inspected culvert installations on access roads, T8 & T15 - acceptable for installation.

Week's Issues through 10/24/2014:

- Received NCR-2014-34 for organic material beneath subgrade material in the substation pad;
- Received NCR-2014-35 for placement of concrete with standing water on the mud mat at T48;
- Closed NCR-2014-026 regarding geogrid installation at 105th St - signed as accepted by Xcel.



Schedule Status

| | |
|----------------------------|------|
| Project duration | 68 |
| No. of weeks into contract | 17 |
| Contract time passed (%) | 25 % |

| Key Activities (Construction) | Weighted % | Percent Complete | | |
|---------------------------------|------------|-------------------|-----------------------|--------|
| | | Contract Schedule | Construction Schedule | Actual |
| Design Engineering | 2.5% | 100% | 100% | 100% |
| Roads and Crane Pads | 20% | 64% | 64% | 64% |
| Foundations | 20% | 76% | 76% | 72% |
| Collection System | 20% | 41% | 28% | 12% |
| Substation | 10% | 32% | 20% | 12% |
| WTG Delivery, Erection, MCC | 20% | 0% | 0% | 0% |
| O&M Building | 5% | 30% | 25% | 10% |
| Completion | 2.5% | 0% | 0% | 0% |
| Overall Actual Percent Complete | | | | 32% |

Progress Report

Permit Status

| Permit Type / Description | County / State | Responsible Group | Date Needed By | Status |
|---------------------------|----------------|-------------------|----------------|--------------------------|
| O&M Well Permit | ND State | AB Systems | 8/30/15 | Pending submittal |
| O&M Septic Permit | ND State | AB Systems | 8/30/15 | Working with State of ND |

- Rural Water option cost to be investigated

Construction Status

| Certificates | Total | Submitted | Signed |
|-----------------------------------|-------|-----------|--------|
| Foundation Completion Certificate | 75 | 0 | 0 |



| | | | |
|--|----|---|---|
| Mechanical Completion Certificate | 75 | 0 | 0 |
| Electrical Works Completion Certificate | 1 | 0 | 0 |
| Project Mechanical Completion Certificate | 1 | 0 | 0 |
| Project Substantial Completion Certificate | 1 | 0 | 0 |
| Project Final Completion | 1 | 0 | 0 |

Roads & Crane Pads

| Item | Weighted % | Budget | Total Completed | Total Remaining | Percent Complete |
|-----------------------------|------------|------------|-----------------|-----------------|------------------|
| Roads | 70% | Roads | | | 64% |
| Clear and Grub | 20% | 152,076 | 148,346 | 3,730 | 98% |
| Subgrade | 25% | 152,076 | 126,931 | 25,145 | 83% |
| Place and Compact Road Base | 30% | 189,136 | 147,897 | 41,239 | 78% |
| Shoulders | 15% | | 0 | | |
| Ditches | 10% | | 0 | | |
| Crane Pads | 30% | Crane Pads | | | 0% |
| Shape and Compact Sub Grade | 40% | 75 | 0 | 75 | 0% |
| Place and Compact Road Base | 60% | 75 | 0 | 75 | 0% |

Comments:

- Completed adjustment to T20 access road with Xcel and landowner – consistent with RFI;
- Road construction continues to advance to ensure foundation corridors are accessible for concrete construction;
- Subgrade stabilization requirements continue – moving forward with options of 6-inch minus without geogrid, geogrid with 16 inches of aggregate coverage, or layered geogrid consisting of 10 inches of aggregate between geogrid layers which then has 8 additional inches of aggregate to substantially complete the road;
 - Road crews re-trained regarding stabilization process and instructed to construct stabilized subgrade to the extent necessary in a localized area only.

Foundations

| Item | Weighted % | Budget | Total Completed | Total Remaining | Percent Complete |
|-------------------|------------|--------|-----------------|-----------------|------------------|
| Excavations | 10% | 75 | 65 | 10 | 87% |
| Mud Mats | 5% | 75 | 61 | 14 | 81% |
| Bases | 45% | 75 | 54 | 21 | 72% |
| Pedestals | 20% | 75 | 53 | 22 | 71% |
| Backfilled | 15% | 75 | 46 | 29 | 61% |
| Vestas Ground Kit | 5% | 75 | 56 | 19 | 75% |

Foundation Progress

72%



Comments:

- RES completing excavations, over-excavations, and fill of over-excavations with inspection by RRC to approve excavation subgrade for mud mats;
- Completed 5 excavations, 5 mud mats, 7 bases, 11 pedestals, and 4 backfills in the current period;
- Encountering continuous dewatering requirements at multiple foundation locations (T54, T53, T1, T4, T19); **also T10**
- Nelson actively pouring mud mats, building bolt cages, and setting rebar and pouring foundation bases and pedestals – targeting 8 to 10 foundations per week.

Collection System

| Item | Weighted % | Quantity | Total Received | Total Remaining | Percent Complete |
|-------------------------|--------------|----------|----------------------|-----------------|------------------|
| Deliveries | 30.0% | | Deliveries | | 35% |
| Grounding Transformers | 10.0% | 6 | 0 | 6 | 0.0% |
| MV Cable 3/0 AWG AL | 15.0% | 303,596 | 37,912 | 265,684 | 12% |
| MV Cable 350 Kcmil AL | 7.5% | 140,708 | 0 | 140,708 | 0.0% |
| MV Cable 750 Kcmil AL | 15.0% | 205,038 | 0 | 205,038 | 0.0% |
| MV Cable 1000 Kcmil AL | 7.5% | 88,167 | 33,458 | 54,709 | 38% |
| MV Cable 1250 Kcmil AL | 20.0% | 147,069 | 130,476 | 16,593 | 88% |
| Fiber 12 count | 2.5% | 328,520 | 336,590 | 0 | 100% |
| Fiber 120 count | 2.5% | 6,587 | 0 | 6,587 | 0.0% |
| Ground Cable | 10.0% | 299,663 | 299,663 | 0 | 100% |
| Junction Boxes | 5.0% | | 0 | | 0.0% |
| Rubber Goods | 5.0% | | 0 | | 0.0% |
| Installations | 50.0% | | Installations | | 5% |
| Trench | 60% | 288,150 | 14,708 | 273,442 | 5% |
| MV & Fiber/Ground Cable | 30% | 288,150 | 21,290 | 266,860 | 7% |
| Grounding Transformers | 5% | | 0 | | 0.0% |
| Junction Boxes | 5% | | 0 | | 0.0% |
| Terminations | 20.0% | | Terminations | | 0.0% |
| Grounding Transformers | 10.0% | | 0 | | 0.0% |
| Junction Boxes | 30.0% | | 0 | | 0.0% |
| Turbine | 60.0% | | 0 | | 0.0% |

Collection System Progress: 13%

Comments:

- Receiving MV cable;



- Directional drilling is working ahead of trenching and cable placement;
- Trenching operations have complete Circuit 5 homerun and are working on Circuit 2 homerun;
- Site Team working with Engineering to establish methodology for directional bore carrier infill.

O&M Building

- **Working with Northern Plains to get single phase ran to building for temporary winter heating requirements until 3-phase power can be provided next spring;**
- **Comments from Nathan to Brad are pending submittal to RES;**
- Building footings have been poured – wall pours to be completed next week;
- Building was delivered on 9/11/14 - Construction will continue through the winter with a scheduled completion by end of December 2014.

Substation

- Rosendin submittal of **90%** grading and foundation drawings planned for 10/~~31~~/14;
- Encountered a subgrade vein of organic material during excavation of MPT foundation – RES is removing fill to determine extent of vein and will remove organic material;
 - **As-built drawings will be provided to detail plan and section of aggregate placement**
- Foundation IFCs ~~expected by Wednesday, 10/29/2014~~ **will be completed after review of revised 90% by Xcel;**
 - Foundation construction to re-commence with placement of slurry backfill
 - ~~Rosendin to commence placement of 12 inch base aggregate~~
 - **Response to concrete and slurry submittal pending**

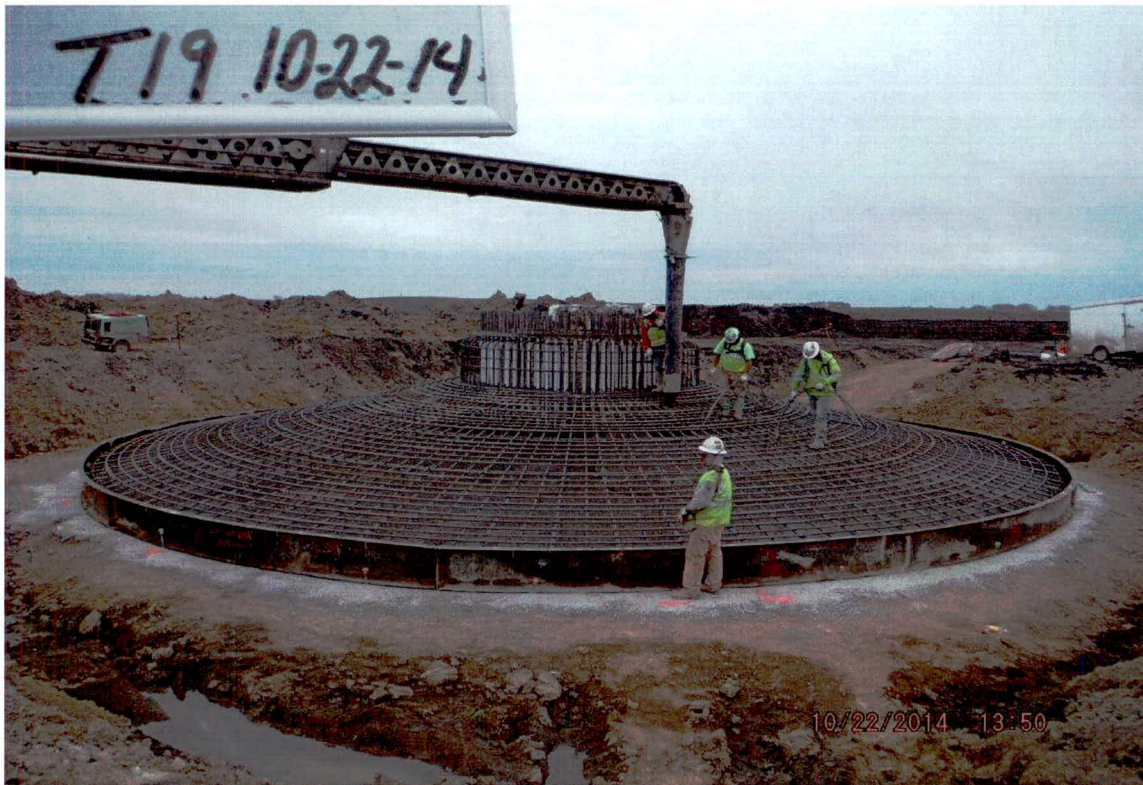
Exhibit 1 – Site Photographs



Border Winds - Trenching Operations



Border Winds - Employee Training



Border Winds - T19 Foundation Base Pour



Border Winds - T19 Foundation Concrete Sampling



Border Winds - O&M Building Grade Beams and Piers



Border Winds - O&M Building Footing Pour



Border Winds - Foundation Base Pour



Border Winds - Foundation Base Pour



Exhibit 2 – Safety log

| # | DATE | CLASS | CONTRACTOR | INCIDENT DETAILS | ACTION TAKEN TO CORRECT THE SITUATION | ACTION TAKEN TO PREVENT REOCCURANCE |
|-----|------------|-----------------------|---------------------|---|---|---|
| 413 | 10/18/2014 | Safe Work Observation | RES Earth and Cable | Operator showed proper use of his machinery | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 414 | 10/18/2014 | Safe Work Observation | RES Earth and Cable | Operator took precaution when backfilling around the pedestal | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 415 | 10/18/2014 | Damage | RES Earth and Cable | A phone wire was severed in an area that was being trenched. There were no flags to show the existence of any utilities in the area. The phone company was contacted and they did confirm that the line was dead. | To communicate with the responsible utility that they failed to identify the cable in question, and that perhaps their procedures should seek to identify both active and abandoned cables in vicinity of digs. | Told the cable crew that they were not at fault and to continue utilizing the one-call number. |
| 416 | 10/19/2014 | Safe Work Observation | RES Earth and Cable | Operator properly directed traffic around his excavator when setting coverts | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 417 | 10/19/2014 | Safe Work Observation | RES Earth and Cable | Operator took great precaution when backfilling over the coverts so to not damage them | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 418 | 10/19/2014 | Safe Work Observation | Nelson Wind | Foreman showed great communication skills between himself and the rod busters as they were setting rebar in place | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 419 | 10/19/2014 | Safe Work Observation | Nelson Wind | Operator got off his machine and did general housekeeping while waiting to transport rebar to the rod busters in the excavation | None, this was a safe observation | No action necessary due to the fact that the operator followed procedure and took the time to clean up the jobsite while waiting to use his crane |
| 420 | 10/19/2014 | Safe Work Observation | RES Earth and Cable | Employees added extra straps to load on trailer due to rough road conditions, | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 421 | 10/19/2014 | Safe Work Observation | RES Earth and Cable | Before doing any work on trailer employees chocked trailer. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 422 | 10/19/2014 | Safe Work Observation | RES Earth and Cable | An office employee before assisting with outside work donned all needed PPE for task she was about to undertake. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 423 | 10/19/2014 | Safe Work Observation | RES Earth and Cable | When unloading spools of cable employees chocked the tractor trailer before any unloading. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 424 | 10/19/2014 | Safe Work Observation | RES Earth and Cable | When backing equipment with spools of wire on the fork the operator used a ground guide. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 425 | 10/19/2014 | Safe Work Observation | Nelson Wind | When starting a new task, task was added to the JHA. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 426 | 10/19/2014 | Safe Work Observation | Nelson Wind | When using bolt cutters the employee donned all needed safety PPE for task. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 427 | 10/19/2014 | Hazard Observation | Midwest Mobile | Vehicle operator did not have head lights on, when approached he turned them on. | Employee was reminded that they have to have vehicle lights on at all times when vehicles are operating on site. | Addressed in daily safety meeting |
| 428 | 10/19/2014 | Hazard Observation | Dolan Directional | Excavation crew failed to announce that they were moving an excavator north on 52nd ave. | Crew was addresses and informed that whenever moving equipment on roads they need to make everyone aware via radio. | Addressed in daily safety meeting |
| 429 | 10/19/2014 | Safe Work Observation | RES Americas | Section 3.10 was completed, all sections compliant. | Safety Inspection (Compliant) | Mentioned the good conditions in the next all hands meeting. |
| 430 | 10/20/2014 | Safe Work Observation | RES Americas | Section 3.12 was completed, all sections compliant. | Safety Inspection (Compliant) | Mentioned the good conditions in the next all hands meeting. |
| 431 | 10/20/2014 | Hazard Observation | RES Americas | Section 3.12 was completed all sections except section 8, "Proper storage temperature | Site Management has been made aware that this needs to be corrected and materials stored in approved container. | Site management was advised of the condition. |



| | | | | | | |
|-----|------------|-----------------------|---------------------|---|---|--|
| | | | | and protection." was non-compliant. Materials are stored in a un regulated temperature connex. | | |
| 432 | 10/20/2014 | Safe Work Observation | RES Earth and Cable | While off site getting fuel this employee was observed exiting a crew truck and before doing anything else donning safety glasses and high vis safety vest. Showing that the safety program fundamentals are ingrained in this individuals work practices | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 433 | 10/20/2014 | Safe Work Observation | RES Earth and Cable | When vehicles approached this operator in a dozer. The operator stopped the equipment and grounded the blade for safe passing. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 434 | 10/20/2014 | Safe Work Observation | RES Earth and Cable | Trencher crew had an individual walking with trencher as a ground guide and looking for hazards as it moved along its path. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 435 | 10/20/2014 | Hazard Observation | RES Earth and Cable | The individual walking behind the trencher checking trench was too close to trench and needed to be over farther to avoid falling in or injury. | Employee was advised that even through the trench in not greater than 5ft he should maintain a safe distance in an effort to prevent slipping into the trench of collapsing soil. | Addressed in daily safety meeting |
| 436 | 10/20/2014 | Safe Work Observation | RES Earth and Cable | Operator set spoil piles 2 feet from the trench | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 437 | 10/20/2014 | Safe Work Observation | RES Earth and Cable | Leadman had great communication with his workers as to safely pulling the cable wires | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 438 | 10/20/2014 | Safe Work Observation | Nelson Wind | Operator took precaution when taking forms off of the pedestal | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 439 | 10/20/2014 | Safe Work Observation | Nelson Wind | Employee picked up trash before leaving the site | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 440 | 10/20/2014 | Safe Work Observation | Dolan Directional | Employee had on proper ppe when fusing pipes together | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 441 | 10/20/2014 | Safe Work Observation | Dolan Directional | Employee chalked the wheels of the trailer before taking it off the hitch. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 442 | 10/20/2014 | Safe Work Observation | RES Earth and Cable | Before backing in both drivers sounded vehicle horns indicating they were reversing. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 443 | 10/20/2014 | Safe Work Observation | RES Earth and Cable | After parking the drivers of the vehicles got out and deployed cones to the front and rear of the vehicles. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 444 | 10/20/2014 | Safe Work Observation | RES Earth and Cable | Crew working in the area placed crew truck away from main operation to avoid a hazard to equipment and trucks working in the area. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 445 | 10/20/2014 | Safe Work Observation | RES Earth and Cable | Road grader operator maintained good control of the work site and operations taking place. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 446 | 10/20/2014 | Hazard Observation | RES Earth and Cable | Crew truck did not have cones deployed in front and behind truck. | At next safety meeting all individuals will be addressed about adding cones around vehicles to JHA. | Addressed in daily safety meeting |
| 447 | 10/20/2014 | Safe Work Observation | Munroe Builders | All power cords being used were in service and compliant. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 448 | 10/20/2014 | Safe Work Observation | Munroe Builders | All installed T-Posts were capped. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 449 | 10/20/2014 | Safe Work Observation | Munroe Builders | Cement trucks were using a backer as they approached the pour site. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 450 | 10/20/2014 | Hazard Observation | Munroe Builders | Three employees had hooded sweat shirt hoods on under | Supervisor was explained the OSHA policy and provided information regarding | Extra inspections will take place to ensure sub-contractor complies with procedures. |



| | | | | their hard hats. | approved head liners. | |
|-----|------------|-----------------------|---------------------|---|---|--|
| 451 | 10/20/2014 | Safe Work Observation | RES Earth and Cable | When an aggregate truck got stuck the Civil Foreman followed the new work instruction for rescuing vehicles and the vehicle was rescued without damage. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 452 | 10/20/2014 | Safe Work Observation | RES Earth and Cable | The operator of the heavy equipment used proper placement and procedure to ensure that the equipment rescued did not experience any damage. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 453 | 10/20/2014 | Safe Work Observation | RES Earth and Cable | Operator ensured vehicle was chocked before any materials were off loaded. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 454 | 10/20/2014 | Safe Work Observation | RES Earth and Cable | Operator of front end loader followed procedure outlined in work instruction and made sure his forks were long enough to pick up the load. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 455 | 10/20/2014 | Hazard Observation | RES Earth and Cable | Area that was directly in the unload area should have been coned off. | Individuals were given cones to block off the area. | Addressed in daily safety meeting. |
| 456 | 10/20/2014 | Safe Work Observation | RES Americas | Vehicle operator pulled off the side of the road and parked his vehicle before taking a phone call. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 457 | 10/21/2014 | Safe Work Observation | Nelson Wind | Employee instructed trucks as to the location of the wash out area | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 458 | 10/21/2014 | Safe Work Observation | Nelson Wind | Employee made sure boom from concrete pump was out of his way before he continued to vibrate the concrete | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 459 | 10/21/2014 | Safe Work Observation | PCS | Employee used the proper tool when finishing concrete | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 460 | 10/21/2014 | Hazard Observation | PCS | Employee was not wearing gloves when he went to continue finishing concrete | Individual was addressed as to wearing glove during any type of work activity | Will be mentioned in the next all hands meeting |
| 461 | 10/21/2014 | Safe Work Observation | RES Earth and Cable | Operator knew the exact location of the JHA, Spill Kit, and first aid kit on his jobsite | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 462 | 10/21/2014 | Safe Work Observation | RES Earth and Cable | Operator set up barricade when the crew was going to take a break | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 463 | 10/21/2014 | Near Miss | Pinky's Aggregate | An aggregate truck made contact with a smooth drum roller with the trucks tire causing a scuff mark on the smooth drum rollers tire | Truck driver was addressed on using better observational awareness on the construction site | Issue was addressed to the contractors supervisor about observational awareness and will be brought up in the next all hands meeting |
| 464 | 10/22/2014 | Safe Work Observation | Building and Earth | Employee used proper lifting technique when transferring concrete cylinders into the ice chests | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 465 | 10/22/2014 | Safe Work Observation | Nelson Wind | Employee made sure all trash and debris was picked up before pour commenced | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 466 | 10/22/2014 | Safe Work Observation | Nelson Wind | Employee helped coworker set up the vibro-pack on his shoulders | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 467 | 10/23/2014 | Safe Work Observation | RES Earth and Cable | Foreman wore all PPE needed for the tasks she was undertaking. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 468 | 10/23/2014 | Safe Work Observation | RES Earth and Cable | Foreman parked vehicle off to the edge of the site when arriving on site. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 469 | 10/23/2014 | Safe Work Observation | RES Earth and Cable | Foreman made sure she had eye contact with all equipment operators onsite working before starting any | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |



| | | | | work | | |
|-----|------------|-----------------------|---------------------|---|--|--|
| 470 | 10/23/2014 | Safe Work Observation | RES Earth and Cable | Foreman use proper hand tools when fixing a grease gun. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 471 | 10/23/2014 | Safe Work Observation | RES Earth and Cable | Crew lead controlled the site well ensuring equipment placement and operations didn't pose a risk to one another. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 472 | 10/23/2014 | Safe Work Observation | RES Earth and Cable | Crew truck was parked out of the site work area and had cones deployed. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 473 | 10/23/2014 | Hazard Observation | RES Earth and Cable | Individuals didn't know where the JHA was and had to go find it. (Site 48) | Individuals were instructed to stop work and find the JHA and present it to Safety before any other work could continue. | Addressed in daily safety meeting |
| 474 | 10/23/2014 | Hazard Observation | RES Earth and Cable | Individuals didn't know where the JHA was and had to go find it. (site 51) | Individuals were instructed to stop work and find the JHA and present it to Safety before any other work could continue. | Addressed in daily safety meeting |
| 475 | 10/23/2014 | Near Miss | RES Earth and Cable | Maintainer operator had cab door open while operating equipment. | Operator was stopped where he was working and explained the risks of having the door open while operating. | Addressed in daily safety meeting |
| 476 | 10/24/2014 | Safe Work Observation | Munroe Builders | All rebar and t-posts had caps on the exposed end. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 477 | 10/24/2014 | Safe Work Observation | Munroe Builders | All vehicles were placed away from excavation site. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 478 | 10/24/2014 | Safe Work Observation | Munroe Builders | Excavation site was barricaded off preventing unauthorized entrance. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 479 | 10/24/2014 | Safe Work Observation | Munroe Builders | All employees donned proper PPE for the task being conducted. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 480 | 10/24/2014 | Safe Work Observation | RES Earth and Cable | Crew truck positioned outside of work area. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 481 | 10/24/2014 | Safe Work Observation | RES Earth and Cable | Operators positioned equipment and movements to avoid contact with each other. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 482 | 10/24/2014 | Safe Work Observation | RES Earth and Cable | Individual using hand tools had on gloves. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 483 | 10/24/2014 | Safe Work Observation | RES Earth and Cable | All personnel wore correct PPE for task being conducted. (Hardhat, Vi Vis, Eye Protection, Safety Shoes.) | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 484 | 10/24/2014 | Hazard Observation | RES Earth and Cable | Crew truck needed to have cones deployed. | Individuals were informed about the importance of deploying cones when parking vehicles on site. | Addressed in daily safety meeting |
| 485 | 10/24/2014 | Hazard Observation | RES Earth and Cable | Walking on uneven, compacted spoil pile was not on JHA. | Task was added to JHA and individuals discussed the activity to make everyone aware of the hazards associated with the task. | Addressed in daily safety meeting |
| 486 | 10/24/2014 | Safe Work Observation | Nelson Wind | Belt truck set up safe distance from excavation site, with cones and rope setup around it. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 487 | 10/24/2014 | Safe Work Observation | Nelson Wind | One employee helped another put on vibrator back pack. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 488 | 10/24/2014 | Safe Work Observation | RES Earth and Cable | Equipment kept safe distance from excavation site and other trucks at the site. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 489 | 10/24/2014 | Safe Work Observation | RES Earth and Cable | All operators observed using 3 points of contact when getting on/off equipment. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 490 | 10/24/2014 | Safe Work Observation | Nelson Wind | Using multiple persons to lift rebar. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 491 | 10/24/2014 | Safe Work Observation | Nelson Wind | Good use of tag lines and communication of overhead lines. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 492 | 10/24/2014 | Safe Work Observation | Munroe Builders | Driver of truck with a pallet of water in the bed of the truck reduced speed to drive safely with cargo. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 493 | 10/24/2014 | Safe Work Observation | Munroe Builders | With reduce visibility due to dust the vehicle operator stopped to allow dust to clear | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |



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|-----|------------|-----------------------|---------------------|--|---|---|
| | | | | ahead of vehicle. | | |
| 494 | 10/24/2014 | Safe Work Observation | RES Earth and Cable | Culverts were strapped to the trailer to ensure safe cargo handling while driving. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 495 | 10/24/2014 | Safe Work Observation | RES Earth and Cable | Employees used cut resistant gloves to load culverts on trailer. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 496 | 10/24/2014 | Safe Work Observation | RES Earth and Cable | Admin 1 had all PPE on hand and in office if needed for a task outside of the office | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 497 | 10/24/2014 | Hazard Observation | RES Earth and Cable | Admin 2 did not have Hi Vis vest for use. | Employee was provided a Hi Vis vest for use and asked to keep it available in the office for use if a task started where she needed to have the vest. | The office employee was provided PPE and educated as to why PPE is needed in the field. |

Exhibit 3 – Environmental Log

| # | CLASS | SUB_CAT | CONTRACTOR | DATE | INCIDENT DETAILS | ACTION TAKEN TO CORRECT SITUATION | ACTION TAKEN TO PREVENT REOCCURANCE |
|----|-----------|---------------------------|------------|------------|--|---|---|
| 46 | 20-Oct-14 | Observation | All | 10/20/2014 | Safety supervisor an unidentified large bird on the north side of the project near T30 & T32. | Informed the HSQE manager. Advised to notify and take pictures of the bird if seen again. | Advised to take pictures of the any wildlife which may be under protected species so that it can be identified properly |
| 47 | 22-Oct-14 | Observation | All | 10/22/2014 | Bottles and aluminum cans are starting to become more frequent on site. | Addressed the crews at all hands about the housekeeping issue. Ensure clean work site at the end of the day. | |
| 48 | 24-Oct-14 | Minor Incident (Below RQ) | RED | 10/23/2014 | Antifreeze leak from the smooth drum roller due to a tear in the hose while operating at the substation. | The roller was put out of operation until the line was replaced. The spoil was collected and disposed in the special waste bin on site. | Advised to inspect the equipment every morning. |

Exhibit 4 – Quality Log

- Incidents - None
- CPARs - None
- NCRs - Two by Xcel



Material Receipt

| Description of Material | Delivery Date | Vendor | Quantity | Cumulative Qty | Balance |
|-------------------------|---------------|--------|----------|----------------|---------|
| | | | | | |
| | | | | | |
| | | | | | |

| Description of Material | NCR Opened (Current Week) | NCR Closed (Current Week) | Total NCR Open (As of this Week) | Total NCR Closed (As of this week) |
|--|------------------------------|------------------------------|-------------------------------------|---------------------------------------|
| Totals | 2 | 1 | 2 | 2 |
| NCR-2014-026, TX 5 geogrid placement | | X | | |
| NCR-2014-34, topsoil beneath subgrade fill material at the substation | X | | | |
| NCR-2014-35, placement of concrete with standing water on the mud mat at T48 | X | | | |



Border Winds

FIELD QUALITY CONTROL PROGRAM DEFICIENCY REPORT REGISTER

PREPARED BY: George Protz

| No. | Description i.e. Roads, Foundations, Electrical | LOCATION | Turbine # | Test Document No: | DEFICIENCY DESCRIPTION | DATE ENTERED | DATE CLEARED |
|-----|---|----------------------------------|-----------|-------------------------|--|-----------------|-----------------|
| 1 | Roads, Culverts | Road K2 Sta. 21+00 | T-28/T-29 | USCF-001 | Incorrect Culvert Installation | 9/29/2014 | |
| 2 | Roads, Culverts | Road W# Sta. 00+12 | T-59 | USCF-001 | Incorrect Culvert Installation | 9/29/2014 | |
| 3 | Foundations | T-49 Base | T-49 | USCF-001 | Foundation not protected for cold weather per ACI 306 | 10/08/2014 | |
| 4 | Roads, Culverts | 105 th Ave Sta. 15+25 | | USCF-001 | Geogrid not replace after installation | 10/14/2014 | |
| 5 | Roads, Culverts | Access Road T2 | T-74 | USCF-001 | Road alignment incorrect, Culverts missing | 9/30/2014 | |
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Exhibit 5 – RFI Log

| RFI | Generated By | Company | Sent To | Company | Subject | Date Sent | Response Requested By | Type: Civil, Electrical, etc. | Date Closed |
|----------|----------------------|---------|------------------|----------------------------|---|------------|-----------------------|-------------------------------|-------------|
| 23053-01 | David Calitz | RES | Nathan Svoboda | Xcel Energy - Generation | Substation Relay Requirements | 2/28/2014 | 3/7/2014 | Electrical | 3/10/2014 |
| 23053-02 | Kyler Leen | RES | Chris Ayika | Xcel Energy - Transmission | Allowable Voltage Step Change | 3/31/2014 | 4/4/2014 | Electrical | 5/1/2014 |
| 23053-03 | Kyler Leen | RES | Chris Ayika | Xcel Energy - Transmission | Grid Voltage Profile | 3/31/2014 | 4/4/2014 | Electrical | 5/1/2014 |
| 23053-04 | Kyler Leen | RES | Bradley Morrison | Xcel Energy - Generation | Main Power Transformer Design | 3/31/2014 | 4/4/2014 | Electrical | 4/21/2014 |
| 23053-05 | Bob Tepp | RES | Ritchie Farmer | Vestas | Draka 35kV, 3x70mm ² Down-Tower Cable Data | 7/16/2014 | 7/18/2014 | Electrical | 7/23/2014 |
| 23053-06 | David Calitz | RES | Bradley Morrison | Xcel Energy - Generation | Substation Capacitor Bank Configurations | 7/31/2014 | 8/4/2014 | Electrical | 8/5/2014 |
| 23053-07 | Kyler Leen | RES | Chris Ayika | Xcel Energy - Transmission | VAR Neutrality | 8/5/2014 | 8/8/2014 | Electrical | 10/17/2014 |
| 23053-08 | Bob Tepp | RES | Bradley Morrison | Xcel Energy - Generation | T58 Access Road Entrance Culvert Removal | 8/13/2014 | 8/15/2014 | Civil | 8/14/2014 |
| 23053-09 | Bob Tepp | RES | Bradley Morrison | Xcel Energy - Generation | Access Road Adjustment to T72 and T74 | 8/18/2014 | 8/20/2014 | Civil | |
| 23053-10 | Bob Tepp | RES | Bradley Morrison | Xcel Energy - Generation | Access Road Adjustment to T71, T76, and T77 | 8/18/2014 | 8/20/2014 | Civil | |
| 23053-11 | Bob Tepp | RES | Bradley Morrison | Xcel Energy - Generation | Access Road Adjustment to T51, T52, T53, and T54 | 8/18/2014 | 8/20/2014 | Civil | |
| 23053-12 | Bob Tepp | RES | Bradley Morrison | Xcel Energy - Generation | Access Road Adjustment to T31 and T32 | 8/18/2014 | 8/21/2014 | Civil | |
| 23053-13 | Bob Tepp | RES | Bradley Morrison | Xcel Energy - Generation | Access Road Adjustment to T26 | 8/18/2014 | 8/21/2014 | Civil | |
| 23053-14 | Bob Tepp | RES | Bradley Morrison | Xcel Energy - Generation | Access Road Adjustment to T22 | 8/18/2014 | 8/21/2014 | Civil | 8/28/2014 |
| 23053-15 | Julio Lima | RES | Chris Ayika | Xcel Energy - Transmission | Peace Garden dead end structures GPS coordinates | 8/21/2014 | 8/25/2014 | Electrical | 8/25/2014 |
| 23053-16 | Kyler Leen | RES | Chris Ayika | Xcel Energy - Transmission | Dynamic Reactive Power Inputs | 9/9/2014 | 9/16/2014 | Electrical | |
| 23053-17 | Kyler Leen | RES | Richard Farmer | Vestas | WTG Conduit Type and Location | 9/24/2014 | 10/1/2014 | Electrical | 10/3/2014 |
| 23053-18 | David Calitz | RES | Bradley Morrison | Xcel Energy - Generation | HV and MV disconnect switch requirements | 9/26/2014 | 10/3/2014 | Electrical | |
| 23053-19 | Shabeeb Abdul Khader | RES | Bradley Morrison | Xcel Energy - Generation | Use aggregate from Marcel Pit | 9/29/2014 | 10/1/2014 | Civil | 10/6/2014 |
| 23053-20 | Julio Lima | RES | Rich Rhode | Rosendin Electric | Plan and Schedule for material delivery in the load restriction period | 9/30/2014 | 10/3/2014 | Electrical | |
| 23053-21 | Shabeeb Abdul Khader | RES | Bradley Morrison | Xcel Energy - Generation | Substation Foundation | 10/8/2014 | 10/10/2014 | Civil | 10/9/2014 |
| 23053-22 | Shabeeb Abdul Khader | RES | Bradley Morrison | Xcel Energy - Generation | Access road adjustments to T19, T20, T79/T80, T21/T22, T15, T10/T11, T5, and T30, T1/T2 | 10/9/2014 | 10/16/2014 | Civil | 10/16/2014 |
| 23053-23 | Shabeeb Abdul Khader | RES | Bradley Morrison | Xcel Energy - Generation | Access road adjustments to T33/34 | 10/13/2014 | 10/20/2014 | Civil | 10/16/2014 |
| 23053-24 | Shabeeb Abdul Khader | RES | Bradley Morrison | Xcel Energy - Generation | Access road adjustments to T26 | 10/14/2014 | 10/21/2014 | Civil | 10/16/2014 |
| 23053-25 | Aaron Thooft | RES | Bradley Morrison | Xcel Energy - Generation | Collector System - Circuit 5 route - realignment | 10/15/2014 | 10/22/2014 | Electrical | |
| 23053-26 | Roark Lanning | RES | Richard Farmer | Vestas | WTG Installation Manuals for the Mk7H and Mk10 V100-2.0 VCSS turbines | 41928 | 41933 | Electrical | |

Exhibit 6 – Three Week Look Ahead



| ID | Task Name | Duration | Start | Finish | % Complete | 2013 | 2014 | 2015 | 2016 |
|-----|--|-------------|--------------|--------------|------------|------|------|------|------|
| | | | | | | H2 | H1 | H2 | H1 |
| 1 | Border Wind Farm - Construction Schedule - 150MW | 631.75 days | Wed 7/31/13 | Thu 12/31/15 | 33% | | | | |
| 10 | Design & Engineering | 368.75 days | Wed 1/15/14 | Mon 6/15/15 | 37% | | | | |
| 44 | Procurement - Long Lead Items | 314.75 days | Tue 4/1/14 | Mon 6/15/15 | 31% | | | | |
| 48 | Grounding Transformers | 251.75 days | Fri 6/27/14 | Mon 6/15/15 | 0% | | | | |
| 49 | Grounding Transformers (6 Units) | 251.75 days | Fri 6/27/14 | Mon 6/15/15 | 0% | | | | |
| 50 | 34.5kV MV Collection System - Procurement | 90.75 days | Fri 6/27/14 | Fri 10/31/14 | 41% | | | | |
| 51 | MV Cable | 90.75 days | Fri 6/27/14 | Fri 10/31/14 | 25% | | | | |
| 53 | Underground Fiber - X LF | 90.75 days | Fri 6/27/14 | Fri 10/31/14 | 100% | | | | |
| 54 | Cable Accessories | 90.75 days | Fri 6/27/14 | Fri 10/31/14 | 0% | | | | |
| 55 | Rubber Goods | 90.75 days | Fri 6/27/14 | Fri 10/31/14 | 0% | | | | |
| 56 | Substation - Procurement | 251.75 days | Fri 6/27/14 | Mon 6/15/15 | 7% | | | | |
| 57 | Main Transformer | 41.96 wks | Fri 6/27/14 | Mon 6/15/15 | 0% | | | | |
| 64 | Construction | 346.75 days | Tue 7/1/14 | Wed 10/28/15 | 72% | | | | |
| 65 | Civil Works | 346.75 days | Tue 7/1/14 | Wed 10/28/15 | 82% | | | | |
| 67 | Civil Construction - Roads | 103.75 days | Tue 7/8/14 | Fri 11/28/14 | 82% | | | | |
| 68 | Clearing & Grubbing | 78.75 days | Thu 7/17/14 | Tue 11/4/14 | 97% | | | | |
| 84 | Tower 7 to 11 (5 WTGs) (CKT 4) | 5 days | Thu 10/16/14 | Thu 10/23/14 | 100% | | | | |
| 85 | Tower 4 to 6 (3 WTGs) (CKT 3) | 1.5 days | Thu 10/23/14 | Fri 10/24/14 | 100% | | | | |
| 96 | Tower 12 to 14 (3 WTGs) (CKT 3) | 2 days | Fri 10/24/14 | Tue 10/28/14 | 100% | | | | |
| 93 | Public Road Upgrades | 99.75 days | Mon 7/14/14 | Fri 11/28/14 | 85% | | | | |
| 94 | Upgrade Public Roads | 99.75 days | Mon 7/14/14 | Fri 11/28/14 | 85% | | | | |
| 95 | Site Roads Installation | 90.67 days | Thu 7/17/14 | Thu 11/20/14 | 74% | | | | |
| 136 | Tower 21 to 25 (5 WTGs) (Road H, J, K) - 17,580 LF | 24.5 days | Wed 9/24/14 | Wed 10/23/14 | 100% | | | | |
| 138 | Rough Grade Preparation | 9 days | Tue 10/14/14 | Mon 10/27/14 | 100% | | | | |
| 139 | Install Base Material | 9 days | Thu 10/16/14 | Wed 10/29/14 | 100% | | | | |
| 140 | Tower 38 to 39 (2 WTGs) (Road Q) - 2,060 LF | 18 days | Mon 10/6/14 | Thu 10/30/14 | 100% | | | | |
| 142 | Rough Grade Preparation | 1 day | Mon 10/27/14 | Tue 10/28/14 | 100% | | | | |
| 143 | Install Base Material | 1 day | Wed 10/29/14 | Thu 10/30/14 | 100% | | | | |
| 144 | Tower 35 to 37 (2 WTGs) (Road Q) - 4,000 LF | 17 days | Thu 10/9/14 | Mon 11/3/14 | 0% | | | | |
| 145 | Rough Grade Preparation | 2 days | Tue 10/28/14 | Thu 10/30/14 | 0% | | | | |
| 147 | Install Base Material | 2 days | Thu 10/30/14 | Mon 11/3/14 | 0% | | | | |
| 148 | Tower 33,34 (2 WTGs) (Road E) - 2,050 LF | 15 days | Tue 10/14/14 | Tue 11/4/14 | 11% | | | | |
| 150 | Rough Grade Preparation | 1 day | Thu 10/30/14 | Fri 10/31/14 | 0% | | | | |
| 151 | Install Base Material | 1 day | Mon 11/3/14 | Tue 11/4/14 | 0% | | | | |
| 152 | Tower 15 to 20 (6 WTGs) (Road G, H) - 11,910 LF | 18.83 days | Wed 10/15/14 | Tue 11/11/14 | 20% | | | | |
| 153 | Install Road - Entrance | 3 days | Wed 10/15/14 | Mon 10/20/14 | 50% | | | | |
| 154 | Rough Grade Preparation | 6 days | Fri 10/31/14 | Mon 11/10/14 | 25% | | | | |
| 155 | Install Base Material | 6 days | Mon 11/3/14 | Tue 11/11/14 | 0% | | | | |
| 156 | Tower 7 to 11 (5 WTGs) (Road B, C) - 9,910 LF | 20.83 days | Mon 10/20/14 | Tue 11/18/14 | 0% | | | | |
| 157 | Install Road - Entrance | 4.5 days | Mon 10/20/14 | Mon 10/27/14 | 0% | | | | |
| 158 | Rough Grade Preparation | 5 days | Mon 11/10/14 | Mon 11/17/14 | 0% | | | | |
| 159 | Install Base Material | 5 days | Tue 11/11/14 | Tue 11/18/14 | 0% | | | | |
| 160 | Tower 4 to 6 (3 WTGs) (Road B) - 2,780 LF | 13.58 days | Mon 11/3/14 | Thu 11/20/14 | 0% | | | | |
| 161 | Install Road - Entrance | 4.5 days | Mon 11/3/14 | Fri 11/7/14 | 0% | | | | |
| 162 | Rough Grade Preparation | 1.5 days | Mon 11/17/14 | Tue 11/18/14 | 0% | | | | |
| 164 | Tower 12 to 14 (3 WTGs) (Road F) - 4,030 LF | 10.41 days | Fri 11/7/14 | Fri 11/21/14 | 0% | | | | |
| 165 | Install Road - Entrance | 3 days | Fri 11/7/14 | Wed 11/12/14 | 0% | | | | |
| 170 | Turbine Foundation | 262.75 days | Fri 7/18/14 | Tue 7/21/15 | 60% | | | | |
| 171 | Foundation Construction | 96 days | Mon 7/21/14 | Tue 12/2/14 | 70% | | | | |
| 173 | Deliver Turbine Foundation Materials | 65.75 days | Thu 8/7/14 | Fri 11/7/14 | 50% | | | | |
| 247 | Foundations - Tower 33 to 34 (2 WTGs) | 5 days | Wed 10/15/14 | Wed 10/22/14 | 0% | | | | |
| 249 | Excavate | 1 day | Thu 10/16/14 | Fri 10/17/14 | 0% | | | | |
| 250 | Install Forms, Bolt Cage, Rebar & Pour Base | 1.5 days | Fri 10/17/14 | Tue 10/21/14 | 0% | | | | |
| 251 | Install Forms, Rebar & Pour Pedestal | 1.5 days | Mon 10/20/14 | Wed 10/22/14 | 0% | | | | |
| 252 | Backfill | 1 day | Tue 10/21/14 | Wed 10/22/14 | 0% | | | | |
| 253 | Foundations - Tower 15 to 20 (6 WTGs) | 7.5 days | Thu 10/16/14 | Tue 10/28/14 | 31% | | | | |
| 254 | Strip Top Soil & Level Pad Sites | 3 days | Thu 10/16/14 | Tue 10/21/14 | 70% | | | | |
| 255 | Excavate | 3 days | Fri 10/17/14 | Wed 10/22/14 | 70% | | | | |
| 256 | Install Forms, Bolt Cage, Rebar & Pour Base | 3.5 days | Tue 10/21/14 | Fri 10/24/14 | 20% | | | | |
| 257 | Install Forms, Rebar & Pour Pedestal | 3.5 days | Wed 10/22/14 | Mon 10/27/14 | 0% | | | | |
| 258 | Backfill | 3 days | Thu 10/23/14 | Tue 10/28/14 | 0% | | | | |
| 259 | Foundations - Tower 7 to 11 (5 WTGs) | 7.5 days | Tue 10/21/14 | Fri 10/31/14 | 19% | | | | |
| 260 | Strip Top Soil & Level Pad Sites | 2.5 days | Tue 10/21/14 | Fri 10/24/14 | 40% | | | | |
| 261 | Excavate | 2.5 days | Wed 10/22/14 | Mon 10/27/14 | 40% | | | | |
| 262 | Install Forms, Bolt Cage, Rebar & Pour Base | 3 days | Fri 10/24/14 | Wed 10/29/14 | 20% | | | | |
| 263 | Install Forms, Rebar & Pour Pedestal | 3 days | Mon 10/27/14 | Thu 10/30/14 | 0% | | | | |
| 264 | Backfill | 2.5 days | Tue 10/28/14 | Fri 10/31/14 | 0% | | | | |
| 265 | Foundations - Tower 4 to 6 (3 WTGs) | 7 days | Fri 10/24/14 | Tue 11/4/14 | 27% | | | | |
| 266 | Strip Top Soil & Level Pad Sites | 1.5 days | Fri 10/24/14 | Mon 10/27/14 | 33% | | | | |
| 267 | Excavate | 1.5 days | Mon 10/27/14 | Tue 10/28/14 | 33% | | | | |
| 268 | Install Forms, Bolt Cage, Rebar & Pour Base | 2 days | Wed 10/29/14 | Fri 10/31/14 | 33% | | | | |
| 269 | Install Forms, Rebar & Pour Pedestal | 2 days | Thu 10/30/14 | Mon 11/3/14 | 33% | | | | |
| 270 | Backfill | 1.5 days | Fri 10/31/14 | Tue 11/4/14 | 0% | | | | |
| 305 | Electrical Installation | 219.75 days | Tue 9/2/14 | Mon 7/6/15 | 7% | | | | |
| 306 | 34.5kV Underground Collection System | 219.75 days | Tue 9/2/14 | Mon 7/6/15 | 7% | | | | |
| 309 | 34.5kV Underground Collection System Installation | 219.75 days | Tue 9/2/14 | Mon 7/6/15 | 7% | | | | |
| 312 | Circuit 2 Home Run (Substation-JB2/1-JB2/5) | 10 days | Tue 10/14/14 | Tue 10/28/14 | 50% | | | | |
| 313 | Circuit 3 Home Run (Substation-JB3/1-JB3/3) | 7.5 days | Tue 10/28/14 | Fri 11/7/14 | 0% | | | | |
| 314 | Circuit 4 Home Run (Substation-JB4/1-JB4/2) | 6 days | Fri 11/7/14 | Mon 11/17/14 | 0% | | | | |
| 315 | Circuit 5 Home Run (Substation-JB5/1) | 2 days | Mon 11/17/14 | Wed 11/19/14 | 90% | | | | |
| 330 | Substation Installation | 213.8 days | Wed 10/1/14 | Mon 7/27/15 | 1% | | | | |
| 331 | Substation Procurement | 184.8 days | Wed 10/1/14 | Tue 6/16/15 | 0% | | | | |
| 332 | 230 KV Breaker | 19 wks | Wed 10/1/14 | Tue 3/10/15 | 0% | | | | |
| 333 | Manufacture 34.5 KV Circuit Breakers | 26 wks | Wed 10/1/14 | Mon 5/25/15 | 0% | | | | |
| 334 | Manufacture 230KV Switches | 20 wks | Wed 10/1/14 | Wed 3/18/15 | 0% | | | | |
| 335 | Manufacture 34.5 KV Switches | 20 days | Wed 10/1/14 | Wed 10/29/14 | 0% | | | | |
| 337 | Manufacture and Deliver Control Building | 20 wks | Wed 10/1/14 | Wed 3/18/15 | 0% | | | | |
| 338 | Substation Construction | 213.85 days | Wed 10/1/14 | Mon 7/27/15 | 8% | | | | |
| 340 | Below Grade Conduit & Grounding | 11 days | Thu 10/23/14 | Fri 11/7/14 | 0% | | | | |
| 341 | Foundation Works | 15 days | Fri 11/7/14 | Fri 11/29/14 | 10% | | | | |
| 354 | Communications & Backup Power | 86.67 days | Wed 10/1/14 | Thu 1/29/15 | 0% | | | | |
| 355 | Design & Order T1 & POTS lines | 3.2 mons | Wed 10/1/14 | Wed 1/21/15 | 0% | | | | |
| 357 | Design & Order Backup Power for Control Building | 3.2 mons | Wed 10/1/14 | Wed 1/21/15 | 0% | | | | |
| 361 | O&M Building Installation | 76 days | Mon 9/15/14 | Tue 12/30/14 | 17% | | | | |
| 363 | Install Conduits & Pour Foundation | 28 days | Mon 9/29/14 | Thu 11/6/14 | 25% | | | | |
| 364 | Erect Building | 20 days | Thu 11/6/14 | Thu 12/4/14 | 0% | | | | |
| 366 | Met Instrumentation Installation | 297.75 days | Mon 8/11/14 | Wed 9/30/15 | 4% | | | | |
| 367 | Procure, Manufacture & Deliver to Site | 36 wks | Fri 8/15/14 | Mon 6/15/15 | 0% | | | | |



Border Winds Energy
Agenda of Conference Call 20141106

| Name | Present | Organization | | Name | Present | Organization |
|-------------------------|---------|--------------|--|----------------------|---------|--------------|
| Bob Tepp (BT) | | RES | | Brad Morrison (BMo) | | Xcel |
| Larry Clark (LC) | | RES | | Zach Smith (ZS) | | Xcel |
| Brian Christiansen | | RES | | Nathan Svoda (NS) | | Xcel |
| Shabeeb Khader | | RES | | Tony Mallizio (TM) | | Xcel |
| George Protz | | RES | | Paul Logan (PL) | | Xcel |
| Brandon Rhine | | RES | | Michael O'Brien (MO) | | Xcel |
| Lester Archer | | RES | | Doug Harthun | | Xcel |
| Tim Mapp | | RES | | | | |
| Martin Macias | | RES | | | | |
| Fred Lillie | | RES | | | | |
| | | | | | | |
| Chris Hills (CH) | | RES | | | | |
| Kenny Knecht (KK) | | RES | | | | |
| Julio Lima (JL) | | RES | | | | |
| David Calitz (DC) | | RES | | | | |
| Kyler Leen (KL) | | RES | | | | |
| Mohamed Nofal (MN) | | RES | | | | |
| Jomaa Ben-Hassine (JBH) | | RES | | | | |
| Ryan Burris (RB) | | RES | | | | |
| Steve Keuter | | RES | | | | |
| Steve Wichern | | RES | | | | |
| Sean Flannery | | RES | | | | |
| Brad Lila | | RES | | | | |
| Ben Cass | | RES | | | | |
| Jenny Bredt (JB) | | RES | | | | |
| | | | | | | |
| | | | | | | |



1. Safety Review:

- a. Current Site Safety Index:
- b. Current TRIR:
- c. Completed ___ days onsite and ___ man hours
- d. Completed ___ orientations in the current period and ___ project to date
- e. Lost time injuries: ___ in week, ___ PTD
- f. Recordable injuries: ___ in week, ___ PTD
- g. First Aids: ___ in week, ___ PTD
- h. Property Damage: ___ in week, ___ PTD
- i. Near Misses: ___ in week, ___ PTD
- j. 3X20 Observations: ___ in week, ___ PTD

2. Review of Weekly Report

3. Review of Project Schedule



BORDER WINDS ENERGY PROJECT

WEEKLY PROJECT REPORT

| | |
|--|----------|
| Weekly report no: | 16 |
| Report for week period ending COB Friday: | 10/31/14 |
| Calendar week no: | 44 |

Executive Summary

This Week's Highlights

- Completed construction of 146,865 LF out of 174,409 LF of access road geogrid and aggregate placement project to date – 84% complete;
- Completed six (6) excavations for a total of 70 of 75 sites to date – 93%;
- Poured six (6) mud mats for a total of 67 of 75 sites to date – 89%
- Poured nine (9) bases for a total of 63 of 75 foundation bases project to date – 84% complete;
- Poured four (4) pedestals for a total of 55 of 75 foundation pedestals project to date – 73% complete;
- Backfilled six (6) foundations for a total of 36 of 75 foundations project to date – 48% complete;
- Trenched and backfilled 19,877 LF of Collection System to date - 7% complete;
- Placed 26,724 LF of MV cable to date (includes pulls through bores) – 9% complete.

This Week's Key Issues

- Site incurred Lost Time Accident when REC cable crew employee injured back while trying to move large rock from edge of trench ahead of backfill operations;
- Received NCR-2014-37 for T49 base not completely covered during cold weather – demonstrated strength was not impacted and responded to NCR;
- Received NCR-2014-38 for grounding installation on T3 foundation – submitted TEF to Vestas, working with Electrical Engineering to develop response;
- Working with Rosendin on substation design with 90% civil design pending– need to achieve IFC status for foundation pours.



Safety

*Full description of week's Safety Log can be found in Exhibit 2

| Type | Lost Time | Recordable Injury (Medical Aid) | Minor Injury (First Aid) | Equipment Property Damage | Near Miss | 3X20 Observation |
|-----------------|-----------|---------------------------------|--------------------------|---------------------------|-----------|------------------|
| Current Period | 1 | 0 | 0 | 1 | 1 | 35 |
| Project To Date | 1 | 0 | 8 | 12 | 24 | 259 |

$$\text{TRIR} = 1.95$$

$$((\text{Lost Time} + \text{Medical Aid}) * 200,000) / \text{Total Man Hours}$$

$$\text{RES Safety Index} = +1.11$$

$$((\text{Lost Time} * 64) + (\text{Injury} * 16) + (\text{Minor Injury} * 4) + (\text{Damage} * 1) + (\text{Near Miss} * 0.25)) / \text{Man Hours} * 1000$$

Week's Highlights:

- Crew has demonstrated excellent communication of jobsite and local traffic via radio system;
- Border Winds team for American Cancer Society No-Shave November reached goal of \$1,000.00.

Week's Issues:

- Lost Time Accident occurred when REC cable crew employee injuring back when attempting to move large rock from edge of trench;
- .

Project Work Hours:

- Weekly Man-hours: 10,499
- PTD Man-hours: 102,571



Environmental

*Full description of week's Environmental Report can be found in Exhibit 2

| Type | Major Incident | Minor Incident | Near Miss | Observation |
|-----------------|----------------|----------------|-----------|-------------|
| Current Period | 0 | 1 | 0 | 0 |
| Project to Date | 0 | 37 | 3 | 9 |

Rolling Incident Score: **1.51**

Week's Highlights:

- Recycling bins for metal, plastic, wood and cardboard are setup on the laydown yard.

Week's Issues:

- Personnel from USFWS visited the T8 entrance location to check the area between the culvert inlet and the adjacent USFWS wetland. RES to backfill a portion of the ditch to pre-existing conditions;
- Approximately 1 cup of oil leak from a rebar delivery truck at T4 access road. The contaminated spoil was collected for disposal.

Quality

*Full description of week's Quality Report can be found in Exhibit 3

| | NCRs | | | Incidents | | | CPARs | | |
|--------|--------|------|--------|-----------|------|--------|--------|------|--------|
| | Issued | Open | Closed | Issued | Open | Closed | Issued | Open | Closed |
| Weekly | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 6 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |

Week's Highlights:

- Successfully diverted water from foundation subgrade at T6 and placed mud mat;



- Implemented light plants in order to complete excavations and mud mats at T35, 36, and 37;
- Completed backfill of 9 WTG foundations;
- Started pilot program of using electronic tablets for QC data tracking;
- On-going - Sieve testing, material proctor, compaction testing, proof rolling, visual inspections for organics in the subgrade, concrete breaks, and turbine foundation backfills;
- On-going – Monitor the placement of concrete for mud mats, turbine bases, and turbine pedestals;
- On-going Daily Quality Meeting, the purpose of the meeting is to convey any quality construction issues between the RES quality team, RES management and Xcel. Any issues are documented and resolved.

Work Area Inspections conducted:

- Inspected foundation subgrades for T5, T8, T9, T15, and T16 – Acceptable for mud mat;
- Inspection of reinforcing steel for T5, T8, T19, T22, T23, T9, T15, T16, T20, and T24 – Acceptable for concrete placement;
- Monitored turbine base concrete placement for T5, T8, T19, T22, T23, and T24;
- Monitored turbine pedestal concrete placement for T2, T3, T5, T12, T13, T14, T19, T21, T22, T23, and T24;
- Inspection of back fills for T77, T78, T79, T8, T20, and T80 – Acceptable for back fill;
- Inspected Substation subgrade and density checks, all densities tests passed;
- Inspected rebar placement for O&M Building;
- Inspected culvert installations on access roads, T8 and T15 - Acceptable for installation;
- Discovered missing grounding clamp at T54. Contractor was notified and clamp was placed;
- Observed rebar splicing on bottom mat at T54 to be loose. Contractor was notified and the issue was addressed;
- Anchor bolt sleeves at T17 were too short. Contractor taped them in order to achieve concrete placement approval.

Week's Issues through 10/31/2014:

- Submitted plan for trenching across new access roads for cable installation - Approved by EOR.
- Submitted plan for adding accelerating admixture to mud mat concrete mix - Verbally approved by EOR.



- Submitted plan for adding accelerating admixture to base structure concrete mix - Awaiting EOR response;
- Submitted plan for repair of damaged concrete - Approved by EOR
- Submitted response for NCR-2014-034 to Xcel - Awaiting approval for closure.
- Submitted response for NCR-2014-037 to Xcel - Awaiting approval for closure.
- There were two NCR's issued this week
 - NCR-2014-37, T49 was not properly covered for cold weather conditions. Submitted response to Xcel.
 - NCR-2014-38, Grounding at T3 installed incorrectly.

Schedule Status

| | |
|----------------------------|------|
| Project duration | 68 |
| No. of weeks into contract | 18 |
| Contract time passed (%) | 25 % |

| Key Activities (Construction) | Weighted % | Percent Complete | | |
|---------------------------------|------------|-------------------|-----------------------|--------|
| | | Contract Schedule | Construction Schedule | Actual |
| Design Engineering | 2.5% | 100% | 100% | 100% |
| Roads and Crane Pads | 20% | 66% | 66% | 69% |
| Foundations | 20% | 83% | 83% | 78% |
| Collection System | 20% | 41% | 28% | 14% |
| Substation | 10% | 37% | 25% | 13% |
| WTG Delivery, Erection, MCC | 20% | 0% | 0% | 0% |
| O&M Building | 5% | 35% | 30% | 11% |
| Completion | 2.5% | 0% | 0% | 0% |
| Overall Actual Percent Complete | | | | 36% |

Progress Report

Permit Status

| Permit Type / Description | County / State | Responsible Group | Date Needed By | Status |
|---------------------------|----------------|-------------------|----------------|--------|
|---------------------------|----------------|-------------------|----------------|--------|



| | | | | |
|-------------------|----------|------------|---------|--------------------------|
| O&M Well Permit | ND State | AB Systems | 8/30/15 | Pending submittal |
| O&M Septic Permit | ND State | AB Systems | 8/30/15 | Working with ND State HD |

Construction Status

| Certificates | Total | Submitted | Signed |
|--|-------|-----------|--------|
| Foundation Completion Certificate | 75 | 0 | 0 |
| Mechanical Completion Certificate | 75 | 0 | 0 |
| Electrical Works Completion Certificate | 1 | 0 | 0 |
| Project Mechanical Completion Certificate | 1 | 0 | 0 |
| Project Substantial Completion Certificate | 1 | 0 | 0 |
| Project Final Completion | 1 | 0 | 0 |

Roads & Crane Pads

| Item | Weighted % | Budget | Total Completed | Total Remaining | Percent Complete |
|-----------------------------|------------|------------|-----------------|-----------------|------------------|
| Roads | 70% | Roads | | | 69% |
| Clear and Grub | 20% | 152,837 | 152,837 | 0 | 100% |
| Subgrade | 25% | 152,837 | 138,426 | 14,411 | 91% |
| Place and Compact Road Base | 30% | 207,469 | 178,545 | 28,924 | 86% |
| Shoulders | 15% | | 0 | | |
| Ditches | 10% | | 0 | | |
| Crane Pads | 30% | Crane Pads | | | 0% |
| Shape and Compact Sub Grade | 40% | 75 | 0 | 75 | 0% |
| Place and Compact Road Base | 60% | 75 | 0 | 75 | 0% |

Comments:

- Completed clearing and grubbing for access roads;
- Road construction continues to advance to ensure foundation corridors are accessible for concrete construction;
- Subgrade stabilization requirements continue – moving forward with options of 6-inch minus without geogrid, geogrid with 16 inches of aggregate coverage, or layered geogrid consisting of 10 inches of aggregate between geogrid layers which then has 8 additional inches of aggregate to substantially complete the road;
 - Road crews re-trained regarding stabilization process and instructed to construct stabilized subgrade to the extent necessary in a localized area only.



Foundations

| Item | Weighted % | Budget | Total Completed | Total Remaining | Percent Complete |
|-------------------|------------|--------|-----------------|-----------------|------------------|
| Excavations | 10% | 75 | 70 | 5 | 93% |
| Mud Mats | 5% | 75 | 67 | 8 | 89% |
| Bases | 45% | 75 | 63 | 12 | 84% |
| Pedestals | 20% | 75 | 55 | 20 | 73% |
| Backfilled | 15% | 75 | 36 | 39 | 48% |
| Vestas Ground Kit | 5% | 75 | 66 | 9 | 88% |

Foundation Progress 78%

Comments:

- RES completing excavations, over-excavations, and fill of over-excavations with inspection by RRC to approve excavation subgrade for mud mats;
- Completed 6 excavations, 6 mud mats, 9 bases, 4 pedestals, and 6 backfills in the current period;
- Encountering continuous dewatering requirements at multiple foundation locations (T1, T4, T10) installing French drain system at T4;
- Nelson actively pouring mud mats, building bolt cages, and setting rebar and pouring foundation bases and pedestals – targeting 8 to 10 foundations per week.

Collection System

| Item | Weighted % | Quantity | Total Received | Total Remaining | Percent Complete |
|-------------------------|--------------|----------|----------------------|-----------------|------------------|
| Deliveries | 30.0% | | Deliveries | 35% | |
| Grounding Transformers | 10.0% | 6 | 0 | 6 | 0.0% |
| MV Cable 3/0 AWG AL | 15.0% | 303,596 | 37,912 | 265,684 | 12% |
| MV Cable 350 Kcmil AL | 7.5% | 140,708 | 0 | 140,708 | 0.0% |
| MV Cable 750 Kcmil AL | 15.0% | 205,038 | 0 | 205,038 | 0.0% |
| MV Cable 1000 Kcmil AL | 7.5% | 88,167 | 90,485 | 0 | 100% |
| MV Cable 1250 Kcmil AL | 20.0% | 147,069 | 130,476 | 16,593 | 88% |
| Fiber 12 count | 2.5% | 328,520 | 336,590 | 0 | 100% |
| Fiber 120 count | 2.5% | 6,587 | 0 | 6,587 | 0.0% |
| Ground Cable | 10.0% | 299,663 | 299,663 | 0 | 100% |
| Junction Boxes | 5.0% | 25 | 0 | 25 | 0.0% |
| Rubber Goods | 5.0% | 100 | 0 | 100 | 0.0% |
| Installations | 50.0% | | Installations | 5% | |
| Trench | 60% | 288,150 | 19,877 | 268,273 | 7% |
| MV & Fiber/Ground Cable | 30% | 288,150 | 26,724 | 261,426 | 9% |



| | | | | | |
|------------------------|--------------|----|---------------------|----|-------------|
| Grounding Transformers | 5% | 6 | 0 | 6 | 0.0% |
| Junction Boxes | 5% | 25 | 0 | 25 | 0.0% |
| Terminations | 20.0% | | Terminations | | 0.0% |
| Grounding Transformers | 10.0% | 6 | 0 | 6 | 0.0% |
| Junction Boxes | 30.0% | 25 | 0 | 25 | 0.0% |
| Turbines | 60.0% | 75 | 0 | 75 | 0.0% |

Collection System Progress: 13%

Comments:

- Receiving MV cable;
- Directional boring crew is working ahead of trenching and cable placement, installing Circuit 4 bores;
- Trenching operations have completed placement of Circuit 5 homerun and are working on Circuit 2 and Circuit 3 homeruns;
- Site Team working with Engineering to establish methodology for directional bore carrier infill.

O&M Building

| Activity Description | Required | Unit | To Date Total | Remains | % Comp. |
|------------------------------------|----------|------|---------------|---------|---------|
| Earthworks | 100 | % | 75 | 25 | 75% |
| Foundation | 100 | % | 62 | 38 | 62% |
| Deliver Building | 100 | % | 100 | 0 | 100% |
| Building Enclosed | 100 | % | 0 | 100 | 0% |
| Building Interior Framing | 100 | % | 0 | 100 | 0% |
| Building Electrical | 100 | % | 0 | 100 | 0% |
| Building HVAC | 100 | % | 0 | 100 | 0% |
| Plumbing | 100 | % | 0 | 100 | 0% |
| Building Interior Trim & Finishing | 100 | % | 0 | 100 | 0% |
| Septic System | 100 | % | 0 | 100 | 0% |
| Water Well | 100 | % | 0 | 100 | 0% |



| | | | | | |
|------------------------|-----|---|---|-----|----|
| Storage Shed | 100 | % | 0 | 100 | 0% |
| Fence and Drum Storage | 100 | % | 0 | 100 | 0% |
| Yard Rock | 100 | % | 0 | 100 | 0% |

- Building footings have been poured – walls are formed for pours to be completed next week;
- AB Systems/Munroe Contractors corrected issue with spacing of uprights in wall support steel;
- Building was delivered on 9/11/14 - Construction will continue through the winter with a scheduled completion by end of December 2014.

Substation

| Item | Required | Total Completed | Total Remaining | Percent Complete |
|---------------------------|---------------------|-----------------|-----------------|------------------|
| Design | Design | | | |
| Design Drawings | 100 | 60 | 40 | 60.0% |
| Deliveries | Deliveries | | | |
| Structural Steel | 100 | 0 | 100 | 0.0% |
| Main Transformer | 100 | 0 | 100 | 0.0% |
| Control House | 100 | 0 | 100 | 0.0% |
| Relay Panel | 100 | 0 | 100 | 0.0% |
| Arrestors | 100 | 0 | 100 | 0.0% |
| Switches | 100 | 0 | 100 | 0.0% |
| Breakers | 100 | 0 | 100 | 0.0% |
| Construction | Construction | | | |
| Grading & Drainage | 100 | 90 | 10 | 90.0% |
| Foundations | 100 | 10 | 90 | 10.0% |
| Underground/Grounding | 100 | 0 | 100 | 0.0% |
| Structural Steel Work | 100 | 0 | 100 | 0.0% |
| Equipment Installation | 100 | 0 | 100 | 0.0% |
| Control Building/Wiring | 100 | 0 | 100 | 0.0% |
| Transformer Fit Out | 100 | 0 | 100 | 0.0% |
| Commission | 100 | 0 | 100 | 0.0% |
| Fence, Gravel, & Clean Up | 100 | 0 | 100 | 0.0% |

- Rosendin submittal of 90% civil design is pending;



- Substation pad is near complete;
- Rosendin is expected onsite on 11/4/14.

Exhibit 1 – Site Photographs



Border Winds – Clean up at T4 Access Road



Border Winds – T4 Excavation With Sump



Border Winds - T9 Foundation Base Pour



Border Winds - T16 Foundation Base Pour



Border Winds – O&M Forming For Wall Pour



Border Winds – Schmidt Hammer Testing T49 Cylinders



Exhibit 2 – Safety log

| # | DATE | CLASS | CONTRACTOR | INCIDENT DETAILS | ACTION TAKEN TO CORRECT THE SITUATION | ACTION TAKEN TO PREVENT REOCCURANCE |
|-----|------------|-----------------------|---------------------|--|---|--|
| 496 | 10/25/2014 | Safe Work Observation | RES Earth and Cable | Employees made sure that the loaders forks would reach and support the load. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 497 | 10/25/2014 | Safe Work Observation | RES Earth and Cable | Trailer was chocked for unloading and loading. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 498 | 10/25/2014 | Safe Work Observation | RES Earth and Cable | Loader used a ground guide when moving. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 499 | 10/25/2014 | Hazard Observation | RES Earth and Cable | Area needed to be coned off for unloading and loading. | Employees were informed of the importance of deploying cones to mark loading and unloading area. | Addressed in daily safety meeting |
| 500 | 10/25/2014 | Safe Work Observation | RES Earth and Cable | Before using hand tools employee donned gloves for task. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 501 | 10/25/2014 | Safe Work Observation | RES Earth and Cable | Employee made sure that the trailer being worked on was chocked. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 502 | 10/25/2014 | Safe Work Observation | RES Earth and Cable | Employee made sure that the truck the trailer was hooked up too had the parking brake on. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 503 | 10/25/2014 | Safe Work Observation | RES Americas | Supervisor parked vehicle out of traffic pattern. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 504 | 10/25/2014 | Safe Work Observation | RES Americas | Supervisor deployed cones as soon as he exited vehicle. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 505 | 10/25/2014 | Safe Work Observation | RES Americas | Supervisor donned cold weather clothing for outside work. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 506 | 10/25/2014 | Safe Work Observation | RES Americas | Supervisor set the example by donning all required PPE for work taking place. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 507 | 10/25/2014 | Safe Work Observation | RES Earth and Cable | Employees moved men at work signs to location where culverting work was being conducted. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 508 | 10/25/2014 | Safe Work Observation | RES Earth and Cable | Foreman redirected truck traffic to avoid hazards to crew working. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 509 | 10/25/2014 | Safe Work Observation | RES Earth and Cable | Employees picked up geo grid rolls to avoid vehicle hazards. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 510 | 10/25/2014 | Hazard Observation | RES Earth and Cable | Foreman was smoking to close to the buildings. | Foreman was asked to move away from buildings and reminded of the required 25ft clearance from buildings when smoking. | addressed in daily safety meeting |
| 511 | 10/25/2014 | Safe Work Observation | RES Earth and Cable | Individuals blocked off road to traffic while culverts were being located. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 512 | 10/25/2014 | Safe Work Observation | RES Earth and Cable | All individuals donned proper cold weather and PPE gear for outside work. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 513 | 10/25/2014 | Hazard Observation | RES Earth and Cable | Individuals were walking toward a truck along the side of the road against traffic. | Individuals were instructed that they should have had the vehicle come and pick them up as opposed to walking to it along the road. | addressed in daily safety meeting |
| 514 | 10/25/2014 | Safe Work Observation | Nelson Wind | All individuals were wearing correct PPE for tasks. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 515 | 10/25/2014 | Safe Work Observation | Nelson Wind | Conveyor truck operator maintained situational control over operation. Ensuring safe operations. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 516 | 10/25/2014 | Safe Work Observation | Nelson Wind | Barricades were left in place to prevent access to excavation site. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 517 | 10/25/2014 | Safe Work Observation | Nelson Wind | All vehicles deployed cones. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 518 | 10/26/2014 | Safe Work Observation | RES Earth and Cable | Employees used backer when hooking up trailer to pick up | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |



| | | | | | | |
|-----|------------|-----------------------|---------------------|---|--|--|
| | | | | truck. | | |
| 519 | 10/26/2014 | Safe Work Observation | RES Earth and Cable | Employees donned gloves when using hand tools and picking up materials. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 520 | 10/26/2014 | Safe Work Observation | RES Earth and Cable | Employees used proper lifting techniques when lifting rolls of geo grid onto trailer. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 521 | 10/26/2014 | Safe Work Observation | RES Earth and Cable | Employees used extra time to drive around site and pick up left materials, equipment and trash that could casue a hazard if left where it was. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 522 | 10/27/2014 | Safe Work Observation | RES Americas | Individual sought out Site Safety for orientation after arriving onsite. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 523 | 10/27/2014 | Safe Work Observation | RES Americas | Individual requested PPE for use while visting site. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 524 | 10/27/2014 | Safe Work Observation | RES Earth and Cable | Employee brought JHA to Site Safety for review and sign on. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 525 | 10/27/2014 | Safe Work Observation | RES Earth and Cable | Employees positioned equipmentfor safe movement around work site and to eliminate hazards. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 526 | 10/27/2014 | Safe Work Observation | RES Earth and Cable | Set up a flow of traffic for trucks to pull in and exit the site safely. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 527 | 10/27/2014 | Safe Work Observation | RES Earth and Cable | Maintainer operator controlled flow of traffic at site. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 528 | 10/27/2014 | Safe Work Observation | RES Earth and Cable | Operator wore seatbelt wile operating equipment. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 529 | 10/27/2014 | Hazard Observation | RES Earth and Cable | Aggregate trucks should not have been using 51 Ave to access 109. The road is a two track that has not been developed. | None, this was a safe observation | Addressed in daily safety meeting |
| 530 | 10/27/2014 | Safe Work Observation | RES Earth and Cable | Operator parked roller out of the way of traffic when parking equipment. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 531 | 10/27/2014 | Safe Work Observation | RES Earth and Cable | Operator communicated with every truck driver ensuring proper placement of aggregate material. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 532 | 10/27/2014 | Hazard Observation | RES Earth and Cable | Operaotr should stay on the road when turning around and not drive in the fields. | None, this was a safe observation | Addressed in daily safety meeting |
| 533 | 10/27/2014 | Safe Work Observation | RES Earth and Cable | Supervisor parked vehicle to aid in the loading of materials into the bed of truck. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 534 | 10/27/2014 | Safe Work Observation | RES Earth and Cable | Employees used proper lifting techniques when loading geo grid. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 535 | 10/27/2014 | Safe Work Observation | RES Earth and Cable | Employees didn't over load bed of truck creating a safety hazard while driving. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 536 | 10/27/2014 | Near Miss | RES Earth and Cable | While digging an excavation site down to the required depth, operator Jack Sperry realized that prepositioned rebar was getting covered with spoils material that was being removed. Using a Fork Truck and a toe cable the operator removed the partially covered rebar from the spoils pile relocating it. Thus preventing the rebar from becoming completely covered and risking damaging the rebar or a piece of equipment when the spoil pile material is used for backfill. | the operator identifying the risk, used proper equipment to remove the rebar from the spoils pile and reposition it so it wouldn't pose a risk to equipment or operations. | Mentioned the good conditions in the next all hands meeting. |



| | | | | | | |
|-----|------------|-----------------------|---------------------|--|--|--|
| 537 | 10/28/2014 | Safe Work Observation | RES Earth and Cable | Operator followed message delivered in morning safety meeting to all drivers, that they are not to drive off road or on farmers property, they are to stay on roads. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 538 | 10/28/2014 | Safe Work Observation | RES Earth and Cable | Equipment kept safe distance from one another and had beacon lights on. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 539 | 10/28/2014 | Safe Work Observation | RES Earth and Cable | Both operators had on their seat belts while operating. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 540 | 10/28/2014 | Safe Work Observation | RES Earth and Cable | Employee used three points on contact while climbing into the back of a pick up truck. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 541 | 10/28/2014 | Safe Work Observation | RES Earth and Cable | Employees donned gloves for work involving handtools and cable. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 542 | 10/28/2014 | Safe Work Observation | Nelson Wind | Employees were assigned to work in pairs at site that no one else was working at for safety. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 543 | 10/28/2014 | Safe Work Observation | Nelson Wind | Employees had on all required PPE for task being undertaken. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 544 | 10/28/2014 | Safe Work Observation | Nelson Wind | Employees having limited resources to assist them pre positioned all tools and equipment. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 545 | 10/28/2014 | Safe Work Observation | Nelson Wind | Crane operator inspected rigging before lift commenced. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 546 | 10/28/2014 | Safe Work Observation | Nelson Wind | Crane deployed cribbing to stabilize out riggers before deploying outriggers. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 547 | 10/28/2014 | Safe Work Observation | Nelson Wind | Crane work area was coned/ barricaded off for safety. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 548 | 10/28/2014 | Safe Work Observation | Nelson Wind | Excavation barricade was put back up after work ended. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 549 | 10/28/2014 | Safe Work Observation | RES Earth and Cable | All equipment had on beacons and flashers. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 550 | 10/28/2014 | Safe Work Observation | RES Earth and Cable | all equipment was positioned out of the flow of traffic to and from site. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 551 | 10/28/2014 | Safe Work Observation | RES Earth and Cable | Placed crew truck on access road out of work area. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 552 | 10/28/2014 | Safe Work Observation | RES Earth and Cable | Crew truck crew deployed cones for parked vehicle. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 553 | 10/28/2014 | Safe Work Observation | RES Earth and Cable | Equipment not being used for current work task was placed outside of the controlled work areas in order to reduce hazard at site access road. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 554 | 10/28/2014 | Safe Work Observation | RES Earth and Cable | When farm equipment approached that was as wide as the road the equipment operators pulled off the road to allow it to pass safely | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 555 | 10/28/2014 | Safe Work Observation | RES Earth and Cable | Crew truck was placed off the road to avoid road congestion. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 556 | 10/28/2014 | Safe Work Observation | RES Earth and Cable | With high winds the crew weighted down the geo grid. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 557 | 10/28/2014 | Safe Work Observation | RES Earth and Cable | Operators view of load was obstructed so the ground guide used proper hand signals when lifting equipment off trailer. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 558 | 10/28/2014 | Hazard Observation | RES Earth and Cable | Area should have been coned off for off loading. | Individuals were informed about blocking off unloading area to identify it as a loading unloading zone. | Addressed in daily safety meeting |
| 559 | 10/28/2014 | Hazard Observation | RES Earth and Cable | Before unloading took place the crews should have relocated the trailer to a less congested area of the yard for | In daily meeting all employees were educated about using situation awareness when conducting operations and using good judgement when selecting work | Addressed in daily safety meeting |



| | | | | unloading. | activity locations. To choose the best location to work from. | |
|-----|------------|-----------------------|---------------------|---|--|--|
| 560 | 10/28/2014 | Safe Work Observation | RES Americas | Office was NFPA 70E compliant. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 561 | 10/28/2014 | Safe Work Observation | RES Americas | Employees used proper ergonomics for work place setup. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 562 | 10/28/2014 | Safe Work Observation | Munroe Builders | All employees were wearing PPE correctly for the tasks that they were performing. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 563 | 10/28/2014 | Safe Work Observation | Munroe Builders | All vehicles were parked in one area to prevent congestion or hazards. All vehicles had cones deployed. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 564 | 10/28/2014 | Safe Work Observation | Munroe Builders | For accessing cement forms, employees used a ladder that was deployed correctly. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 565 | 10/28/2014 | Safe Work Observation | RES Earth and Cable | Operator had great communication while walking the trencher to its other location | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 566 | 10/28/2014 | Safe Work Observation | RES Earth and Cable | Operator showed proper use of hand signals when walking the trackhoe north up the main road. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 567 | 10/28/2014 | Safe Work Observation | Nelson Wind | Employee had proper ppe when pouring concrete for the pedestal | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 568 | 10/28/2014 | Safe Work Observation | Nelson Wind | Employee followed direction as to staying warm with the right clothing and ppe. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 569 | 10/29/2014 | Hazard Observation | RES Earth and Cable | Sump hole sides needed to be sloped. | Indicated to operators working site that the sides of the shole needed to be sloped at a 40 degree angle. | Addressed in daily safety meeting |
| 570 | 10/29/2014 | Hazard Observation | RES Earth and Cable | Electrical power cords connected and hanging over a pool of water. | Advised the site personnel that the sump pump being run was to be shut off until a means of powering it safely could be found. | Addressed in daily safety meeting |
| 571 | 10/29/2014 | Hazard Observation | RES Earth and Cable | Crew truck did not have cones deployed in front and behind truck. | Went to truck and deployed cones. | Addressed in daily safety meeting |
| 572 | 10/29/2014 | Hazard Observation | RES Earth and Cable | Inspector truck being operated without flashers or beacon light. | Told inspector that his beacon light needed to be active when on the job site. | Addressed in daily safety meeting |
| 573 | 10/29/2014 | Hazard Observation | RES Earth and Cable | Prepositioned materials creating vehicle/ equipment hazards where placed. | Talked with sub contractor about positioning materials so that they would be out of the way of traffic and equipemnt working. | Addressed in daily safety meeting |
| 574 | 10/29/2014 | Safe Work Observation | Nelson Wind | Ground guide and crane operator used excellent hand signal communications when lifting rebar. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 575 | 10/29/2014 | Safe Work Observation | Nelson Wind | Supervisor donned gloves when assisting moving rebar. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 576 | 10/29/2014 | Safe Work Observation | Nelson Wind | Ground personnel used two tag lines when lifting re bar to pedestal site. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 577 | 10/29/2014 | Hazard Observation | Nelson Wind | Crew trucks needed to have cones deployed. | Told site foreman to have all the vehicles deploy cones while parked. | Addressed in daily safety meeting |
| 578 | 10/29/2014 | Safe Work Observation | Nelson Wind | Conveyor truck was coned and barricaded off for safety and controlled access. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 579 | 10/29/2014 | Safe Work Observation | Nelson Wind | Excavation site barricades were left in place due to high foot and vehicle traffic at site. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 580 | 10/29/2014 | Safe Work Observation | Nelson Wind | Concrete trucks all used a backer when backing up to dump site. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 581 | 10/29/2014 | Safe Work Observation | Nelson Wind | All drivers and individuals working around concrete had on splash protection from materials. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |



| | | | | | | |
|-----|------------|-----------------------|---------------------|--|--|---|
| 582 | 10/29/2014 | Safe Work Observation | Building and Earth | Inspector donned splash and chemical protection PPE before getting samples of concrete. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 583 | 10/29/2014 | Safe Work Observation | Building and Earth | Inspector positioned testing equipment and sample site away from traffic and work activities so no one would trip over the equipment. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 584 | 10/29/2014 | Safe Work Observation | Nelson Wind | Operator positioned himself so he could see the entire operation and safely move concrete conveyer boom without hitting personnel. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 585 | 10/29/2014 | Safe Work Observation | Nelson Wind | Excellent communication while personnel were removing tarps from pedestal. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 586 | 10/29/2014 | Safe Work Observation | RES Earth and Cable | When operator identified that the alternator was not working he shut down the equipment and called for a mechanic. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 587 | 10/29/2014 | Safe Work Observation | RES Earth and Cable | Trenching operation kept close together as described in orientation to keep hazardous condition open for least amount of time as possible. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 588 | 10/29/2014 | Safe Work Observation | Munroe Builders | All exposed rebar had caps on them.. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 589 | 10/29/2014 | Safe Work Observation | Munroe Builders | Excavation site was barricaded off preventing unauthorized entrance. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 590 | 10/29/2014 | Safe Work Observation | Munroe Builders | All features of the ladder were inspected and in good condition. Halyard was in servicable condition and tied off. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 591 | 10/29/2014 | Damage | RES Earth and Cable | Operator of a dozer being used for back filling at turbine site 32 failed to safely back his piece of equipment causing his equipment to make contact with another piece of equipment resulting in damage. | Individual was addressed about the importance of ensuring that when backing it is done so safely and that he use the correct procedure when backing. | A Safety Stand Down will be held on 30Oct2014 at the morning safety meeting related to equipment operations and backing equipment. |
| 592 | 10/29/2014 | Safe Work Observation | RES Earth and Cable | Employee parked water truck 10 feet from edge of the excavation to avoid any possible cave ins while pumping water | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 593 | 10/29/2014 | Safe Work Observation | RES Earth and Cable | Employee inspected pump and generator prior to using them | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 594 | 10/29/2014 | Safe Work Observation | PCS | Employee set rebar caps on dowes that were sticking out from the simon forms | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 595 | 10/29/2014 | Safe Work Observation | PCS | Employees had trash bags in area and utilized them well | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 596 | 10/29/2014 | Safe Work Observation | RES Earth and Cable | Operator trenched properly and took precaution when advancing up the road | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 597 | 10/29/2014 | Safe Work Observation | RES Earth and Cable | Operator utilized spotter while mobilizing | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 598 | 10/30/2014 | Injury | RES Earth and Cable | The individual found a large rock in the way of operations and squatted down to move it. The individual then attempted to lift the rock upward. Lifting upward the employee felt a sharp pain in his lower back that he says radiated down both of his legs. | Communication was addressed to the employee as well as his immediate supervisor as to the proper procedures for lifting any objects and if the objects can be moved with machinery as opposed to manually moving the objects | Communication was addressed to all employees as well as supervision as to the proper procedures for lifting any objects and if the objects can be moved with machinery as opposed to manually moving the objects in the next morning safety talk. |



Exhibit 3 – Environmental Log

| # | CLASS | SUB_CAT | CONTRACTOR | DATE | INCIDENT DETAILS | ACTION TAKEN TO CORRECT SITUATION | ACTION TAKEN TO PREVENT REOCCURANCE |
|----|---------------------------|---------------------------|--------------|------------|--|--|--|
| 49 | Minor Incident (Below RQ) | Equipment Failure or leak | Nelson Winds | 10/29/2014 | Oil leak was spotted on the ground at T4 access road possibly from the rebar delivery truck. Estimated volume of 1 cup of oil. | The affected soil was collected in a container using a shovel. | Instructed all subcontractor to ensure all trucks entering the site, do not have leaks |

Exhibit 4 – Quality Log

- Incidents - None
- CPARs - None
- NCRs - Two by Xcel

Material Receipt

| Description of Material | Delivery Date | Vendor | Quantity | Cumulative Qty | Balance |
|-------------------------|---------------|--------|----------|----------------|---------|
| | | | | | |
| | | | | | |
| | | | | | |

| Description of Material | NCR Opened | NCR Closed | Total NCR Open | Total NCR Closed |
|-------------------------|----------------|------------|-------------------|------------------|
| | (Current Week) | (Current | (As of this Week) | (As of this |



| | | Week) | | week) |
|---|---|-------|---|-------|
| Totals | 2 | 1 | 2 | 2 |
| NCR-2014-37, T49 cold weather concrete concerns | X | | | |
| NCR-2014-38, T3 grounding installation | X | | | |



Border Winds

FIELD QUALITY CONTROL PROGRAM DEFICIENCY REPORT REGISTER

PREPARED BY: George Protz

| No. | Description i.e. Roads, Foundations, Electrical | LOCATION | Turbine # | Test Document No: | DEFICIENCY DESCRIPTION | DATE ENTERED | DATE CLEARED |
|-----|---|----------------------------------|-----------|-------------------------|--|-----------------|-----------------|
| 1 | Roads, Culverts | Road K2 Sta. 21+00 | T-28/T-29 | USCF-001 | Incorrect Culvert Installation | 9/29/2014 | |
| 2 | Roads, Culverts | Road W# Sta. 00+12 | T-59 | USCF-001 | Incorrect Culvert Installation | 9/29/2014 | |
| 3 | Foundations | T-49 Base | T-49 | USCF-001 | Foundation not protected for cold weather per ACI 306 | 10/08/2014 | |
| 4 | Roads, Culverts | 105 th Ave Sta. 15+25 | | USCF-001 | Geogrid not replace after installation | 10/14/2014 | |
| 5 | Roads, Culverts | Access Road T2 | T-74 | USCF-001 | Road alignment incorrect, Culverts missing | 9/30/2014 | |
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Exhibit 5 – RFI Log

| RFI | Generated By | Company | Sent To | Company | Subject | Date Sent | Response Requested By | Type: Civil, Electrical, etc. | Date Closed |
|----------|----------------------|---------|------------------|----------------------------|---|------------|-----------------------|-------------------------------|-------------|
| 23053-01 | David Calitz | RES | Nathan Svoboda | Xcel Energy - Generation | Substation Relay Requirements | 2/28/2014 | 3/7/2014 | Electrical | 03/10/14 |
| 23053-02 | Kyler Leen | RES | Chris Ayika | Xcel Energy - Transmission | Allowable Voltage Step Change | 3/31/2014 | 4/4/2014 | Electrical | 05/01/14 |
| 23053-03 | Kyler Leen | RES | Chris Ayika | Xcel Energy - Transmission | Grid Voltage Profile | 3/31/2014 | 4/4/2014 | Electrical | 05/01/14 |
| 23053-04 | Kyler Leen | RES | Bradley Morrison | Xcel Energy - Generation | Main Power Transformer Design | 3/31/2014 | 4/4/2014 | Electrical | 04/21/14 |
| 23053-05 | Bob Tepp | RES | Ritchie Farmer | Vestas | Draka 35kV, 3x70mm ² Down-Tower Cable Data | 7/16/2014 | 7/18/2014 | Electrical | 07/23/14 |
| 23053-06 | David Calitz | RES | Bradley Morrison | Xcel Energy - Generation | Substation Capacitor Bank Configurations | 7/31/2014 | 8/4/2014 | Electrical | 08/05/14 |
| 23053-07 | Kyler Leen | RES | Chris Ayika | Xcel Energy - Transmission | VAR Neutrality | 8/5/2014 | 8/8/2014 | Electrical | 10/17/14 |
| 23053-08 | Bob Tepp | RES | Bradley Morrison | Xcel Energy - Generation | T58 Access Road Entrance Culvert Removal | 8/13/2014 | 8/15/2014 | Civil | 08/14/14 |
| 23053-09 | Bob Tepp | RES | Bradley Morrison | Xcel Energy - Generation | Access Road Adjustment to T72 and T74 | 8/18/2014 | 8/20/2014 | Civil | |
| 23053-10 | Bob Tepp | RES | Bradley Morrison | Xcel Energy - Generation | Access Road Adjustment to T71, T76, and T77 | 8/18/2014 | 8/20/2014 | Civil | |
| 23053-11 | Bob Tepp | RES | Bradley Morrison | Xcel Energy - Generation | Access Road Adjustment to T51, T52, T53, and T54 | 8/18/2014 | 8/20/2014 | Civil | |
| 23053-12 | Bob Tepp | RES | Bradley Morrison | Xcel Energy - Generation | Access Road Adjustment to T31 and T32 | 8/18/2014 | 8/21/2014 | Civil | |
| 23053-13 | Bob Tepp | RES | Bradley Morrison | Xcel Energy - Generation | Access Road Adjustment to T26 | 8/18/2014 | 8/21/2014 | Civil | |
| 23053-14 | Bob Tepp | RES | Bradley Morrison | Xcel Energy - Generation | Access Road Adjustment to T22 | 8/18/2014 | 8/21/2014 | Civil | 08/28/14 |
| 23053-15 | Julio Lima | RES | Chris Ayika | Xcel Energy - Transmission | Peace Garden dead end structures GPS coordinates | 8/21/2014 | 8/25/2014 | Electrical | 08/25/14 |
| 23053-16 | Kyler Leen | RES | Chris Ayika | Xcel Energy - Transmission | Dynamic Reactive Power Inputs | 9/9/2014 | 9/16/2014 | Electrical | |
| 23053-17 | Kyler Leen | RES | Richard Farmer | Vestas | WTG Conduit Type and Location | 9/24/2014 | 10/1/2014 | Electrical | 10/03/14 |
| 23053-18 | David Calitz | RES | Bradley Morrison | Xcel Energy - Generation | HV and MV disconnect switch requirements | 9/26/2014 | 10/3/2014 | Electrical | 10/07/14 |
| 23053-19 | Shabeeb Abdul Khader | RES | Bradley Morrison | Xcel Energy - Generation | Use aggregate from Marcel Pit | 9/29/2014 | 10/1/2014 | Civil | 10/06/14 |
| 23053-20 | Julio Lima | RES | Rich Rhode | Rosendin Electric | Plan and Schedule for material delivery in the load restriction period | 9/30/2014 | 10/3/2014 | Electrical | |
| 23053-21 | Shabeeb Abdul Khader | RES | Bradley Morrison | Xcel Energy - Generation | Substation Foundation | 10/8/2014 | 10/10/2014 | Civil | 10/09/14 |
| 23053-22 | Shabeeb Abdul Khader | RES | Bradley Morrison | Xcel Energy - Generation | Access road adjustments to T19, T20, T79/T80, T21/T22, T15, T10/T11, T5, and T30, T1/T2 | 10/9/2014 | 10/16/2014 | Civil | 10/16/14 |
| 23053-23 | Shabeeb Abdul Khader | RES | Bradley Morrison | Xcel Energy - Generation | Access road adjustments to T33/34 | 10/13/2014 | 10/20/2014 | Civil | 10/16/14 |
| 23053-24 | Shabeeb Abdul Khader | RES | Bradley Morrison | Xcel Energy - Generation | Access road adjustments to T26 | 10/14/2014 | 10/21/2014 | Civil | 10/16/14 |
| 23053-25 | Aaron Thooft | RES | Bradley Morrison | Xcel Energy - Generation | Collector System - Circuit 5 route - realignment | 10/15/2014 | 10/22/2014 | Electrical | |
| 23053-26 | Shabeeb Abdul Khader | RES | Richard Farmer | Vestas | WTG Installation Manuals for the Mk7H and Mk10 V100-2.0 VCSS turbines | 10/17/2014 | 10/21/2014 | Electrical | |



| | | | | | | | | | |
|----------|----------------------|-----|------------------|--------------------------|--|------------|------------|------------|----------|
| 23053-27 | Kyler Leen | RES | Richard Farmer | Vestas | Grounding kit installation for T3 | 10/20/2014 | 10/27/2014 | Electrical | |
| 23053-28 | Shabeeb Abdul Khader | RES | Bradley Morrison | Xcel Energy - Generation | Concrete Slurry mix design for the Substation | 10/22/2014 | 10/28/2014 | Civil | 10/31/14 |
| 23053-29 | Shabeeb Abdul Khader | RES | Richard Farmer | Vestas | Generator Data Sheet | 10/23/2014 | 10/30/2014 | Electrical | 10/29/14 |
| 23053-30 | Shabeeb Abdul Khader | RES | Bradley Morrison | Xcel Energy - Generation | Install crushed aggregate on the substation site | 10/31/2014 | 11/6/2014 | Civil | |

Exhibit 6 – Three Week Look Ahead



| ID | Task Name | Duration | Start | Finish | % Complete | 13 | 2014 | 2015 |
|-----|---|-------------|--------------|--------------|------------|----|------|------|
| 1 | Border Wind Farm - Construction Schedule - 150MW | 631.75 days | Wed 7/31/13 | Thu 12/31/15 | 36% | | H2 | H1 |
| 10 | Design & Engineering | 368.75 days | Wed 1/15/14 | Mon 6/15/15 | 37% | | H2 | H1 |
| 44 | Procurement - Long Lead Items | 314.75 days | Tue 4/1/14 | Mon 6/15/15 | 31% | | H2 | H1 |
| 48 | Grounding Transformers | 251.75 days | Fri 6/27/14 | Mon 6/15/15 | 0% | | H2 | H1 |
| 49 | Grounding Transformers (6 Units) | 251.75 days | Fri 6/27/14 | Mon 6/15/15 | 0% | | H2 | H1 |
| 50 | 34.5kV MV Collection System - Procurement | 30.75 days | Fri 6/27/14 | Fri 10/31/14 | 41% | | H2 | H1 |
| 51 | MV Cable | 90.75 days | Fri 6/27/14 | Fri 10/31/14 | 25% | | H2 | H1 |
| 53 | Underground Fiber - X LF | 90.75 days | Fri 6/27/14 | Fri 10/31/14 | 100% | | H2 | H1 |
| 54 | Cable Accessories | 90.75 days | Fri 6/27/14 | Fri 10/31/14 | 0% | | H2 | H1 |
| 55 | Rubber Goods | 90.75 days | Fri 6/27/14 | Fri 10/31/14 | 0% | | H2 | H1 |
| 56 | Substation - Procurement | 251.75 days | Fri 6/27/14 | Mon 6/15/15 | 7% | | H2 | H1 |
| 57 | Main Transformer | 41.96 wks | Fri 6/27/14 | Mon 6/15/15 | 0% | | H2 | H1 |
| 64 | Construction | 346.75 days | Tue 7/1/14 | Wed 10/28/15 | 83% | | H2 | H1 |
| 65 | Civil Works | 346.75 days | Tue 7/1/14 | Wed 10/28/15 | 91% | | H2 | H1 |
| 67 | Civil Construction - Roads | 103.75 days | Tue 7/8/14 | Fri 11/28/14 | 91% | | H2 | H1 |
| 90 | Batch Plant and Substation | 43.75 days | Mon 7/14/14 | Thu 3/11/15 | 96% | | H2 | H1 |
| 92 | Prepare Substation Pad Site | 46 days | Tue 9/2/14 | Wed 11/5/14 | 95% | | H2 | H1 |
| 93 | Public Road Upgrade | 99.75 days | Mon 7/14/14 | Fri 11/28/14 | 85% | | H2 | H1 |
| 94 | Upgrade Public Roads | 99.75 days | Mon 7/14/14 | Fri 11/28/14 | 85% | | H2 | H1 |
| 95 | Site Road Installation | 90.67 days | Thu 7/17/14 | Thu 11/20/14 | 89% | | H2 | H1 |
| 136 | Tower 21 to 26 (6 WTGs) (Road H, J, K) - 17,580 LF | 22.25 days | Fri 9/26/14 | Wed 10/29/14 | 100% | | H2 | H1 |
| 136 | Rough Grade Preparation | 9 days | Tue 10/14/14 | Mon 10/27/14 | 100% | | H2 | H1 |
| 139 | Install Base Material | 9 days | Thu 10/16/14 | Wed 10/29/14 | 100% | | H2 | H1 |
| 140 | Tower 38 to 39 (2 WTGs) (Road Q) - 2,080 LF | 15.75 days | Wed 10/8/14 | Thu 10/30/14 | 100% | | H2 | H1 |
| 142 | Rough Grade Preparation | 1 day | Mon 10/27/14 | Tue 10/28/14 | 100% | | H2 | H1 |
| 143 | Install Base Material | 1 day | Wed 10/29/14 | Thu 10/30/14 | 100% | | H2 | H1 |
| 144 | Tower 35 to 37 (2 WTGs) (Road Q) - 4,000 LF | 28.25 days | Mon 10/13/14 | Thu 11/20/14 | 79% | | H2 | H1 |
| 146 | Rough Grade Preparation | 2 days | Tue 10/28/14 | Thu 10/30/14 | 50% | | H2 | H1 |
| 147 | Install Base Material | 2 days | Thu 10/30/14 | Mon 11/3/14 | 0% | | H2 | H1 |
| 148 | Tower 4 to 6 (3 WTGs) (Road B) - 2,780 LF | 13.58 days | Mon 11/3/14 | Thu 11/20/14 | 100% | | H2 | H1 |
| 149 | Install Road - Entrance | 4.5 days | Mon 11/3/14 | Fri 11/7/14 | 100% | | H2 | H1 |
| 150 | Rough Grade Preparation | 1.5 days | Mon 11/17/14 | Tue 11/18/14 | 100% | | H2 | H1 |
| 151 | Install Base Material | 1.5 days | Wed 11/19/14 | Thu 11/20/14 | 100% | | H2 | H1 |
| 152 | Tower 33,34 (2 WTGs) (Road E) - 2,050 LF | 15 days | Tue 10/14/14 | Tue 11/4/14 | 11% | | H2 | H1 |
| 154 | Rough Grade Preparation | 1 day | Thu 10/30/14 | Fri 10/31/14 | 0% | | H2 | H1 |
| 155 | Install Base Material | 1 day | Mon 11/3/14 | Tue 11/4/14 | 0% | | H2 | H1 |
| 156 | Tower 15 to 20 (6 WTGs) (Road G, H) - 11,910 LF | 18.83 days | Wed 10/15/14 | Tue 11/11/14 | 70% | | H2 | H1 |
| 158 | Rough Grade Preparation | 6 days | Fri 10/31/14 | Mon 11/10/14 | 75% | | H2 | H1 |
| 159 | Install Base Material | 6 days | Mon 11/3/14 | Tue 11/11/14 | 50% | | H2 | H1 |
| 160 | Tower 7 to 11 (5 WTGs) (Road B, C) - 9,910 LF | 20.45 days | Mon 10/20/14 | Tue 11/18/14 | 0% | | H2 | H1 |
| 161 | Install Road - Entrance | 4.5 days | Mon 10/20/14 | Mon 10/27/14 | 0% | | H2 | H1 |
| 162 | Rough Grade Preparation | 5 days | Mon 11/10/14 | Mon 11/17/14 | 0% | | H2 | H1 |
| 163 | Install Base Material | 5 days | Tue 11/11/14 | Tue 11/18/14 | 0% | | H2 | H1 |
| 164 | Tower 12 to 14 (3 WTGs) (Road F) - 4,030 LF | 10.41 days | Fri 11/7/14 | Fri 11/21/14 | 100% | | H2 | H1 |
| 165 | Install Road - Entrance | 3 days | Fri 11/7/14 | Wed 11/12/14 | 100% | | H2 | H1 |
| 166 | Rough Grade Preparation | 2 days | Tue 11/18/14 | Thu 11/20/14 | 100% | | H2 | H1 |
| 167 | Install Base Material | 2 days | Wed 11/19/14 | Fri 11/21/14 | 100% | | H2 | H1 |
| 170 | Turbine Foundation | 262.75 days | Fri 7/18/14 | Tue 7/21/15 | 71% | | H2 | H1 |
| 171 | Foundation Construction | 96 days | Mon 7/21/14 | Tue 12/2/14 | 83% | | H2 | H1 |
| 173 | Deliver Turbine Foundation Materials | 70 days | Thu 8/7/14 | Thu 11/13/14 | 85% | | H2 | H1 |
| 253 | Foundations - Tower 15 to 20 (6 WTGs) | 7.5 days | Thu 10/16/14 | Tue 10/28/14 | 60% | | H2 | H1 |
| 257 | Install Forms, Rebar & Pour Pedestal | 3.5 days | Wed 10/22/14 | Mon 10/27/14 | 35% | | H2 | H1 |
| 258 | Backfill | 3 days | Thu 10/23/14 | Tue 10/28/14 | 0% | | H2 | H1 |
| 259 | Foundations - Tower 7 to 11 (5 WTGs) | 7.5 days | Tue 10/21/14 | Fri 10/31/14 | 40% | | H2 | H1 |
| 261 | Excavate | 2.5 days | Wed 10/22/14 | Mon 10/27/14 | 60% | | H2 | H1 |
| 262 | Install Forms, Bolt Cage, Rebar & Pour Base | 3 days | Fri 10/24/14 | Wed 10/29/14 | 60% | | H2 | H1 |
| 263 | Install Forms, Rebar & Pour Pedestal | 3 days | Mon 10/27/14 | Thu 10/30/14 | 20% | | H2 | H1 |
| 264 | Backfill | 2.5 days | Tue 10/28/14 | Fri 10/31/14 | 0% | | H2 | H1 |
| 265 | Foundations - Tower 4 to 6 (3 WTGs) | 7 days | Fri 10/24/14 | Tue 11/4/14 | 47% | | H2 | H1 |
| 266 | Strip Top Soil & Level Pad Sites | 1.5 days | Fri 10/24/14 | Mon 10/27/14 | 66% | | H2 | H1 |
| 267 | Excavate | 1.5 days | Mon 10/27/14 | Tue 10/28/14 | 66% | | H2 | H1 |
| 268 | Install Forms, Bolt Cage, Rebar & Pour Base | 2 days | Wed 10/29/14 | Fri 10/31/14 | 66% | | H2 | H1 |
| 269 | Install Forms, Rebar & Pour Pedestal | 2 days | Thu 10/30/14 | Mon 11/3/14 | 33% | | H2 | H1 |
| 270 | Backfill | 1.5 days | Fri 10/31/14 | Tue 11/4/14 | 0% | | H2 | H1 |
| 271 | Foundations - Tower 12 to 14 (3 WTGs) | 5.5 days | Thu 11/20/14 | Fri 11/28/14 | 100% | | H2 | H1 |
| 272 | Strip Top Soil & Level Pad Sites | 1.5 days | Thu 11/20/14 | Mon 11/24/14 | 100% | | H2 | H1 |
| 273 | Excavate | 1.5 days | Fri 11/21/14 | Tue 11/25/14 | 100% | | H2 | H1 |
| 274 | Install Forms, Bolt Cage, Rebar & Pour Base | 2 days | Mon 11/24/14 | Wed 11/26/14 | 100% | | H2 | H1 |
| 305 | Electrical Installation | 219.75 days | Tue 9/2/14 | Mon 7/6/15 | 12% | | H2 | H1 |
| 306 | 34.5kV Underground Collection System | 219.75 days | Tue 9/2/14 | Mon 7/6/15 | 12% | | H2 | H1 |
| 309 | 34.5kV Underground Collection System Installation | 219.75 days | Tue 9/2/14 | Mon 7/6/15 | 14% | | H2 | H1 |
| 312 | Circuit 2 Home Run (Substation-JB2/1-JB2/5) | 10 days | Tue 10/14/14 | Tue 10/28/14 | 80% | | H2 | H1 |
| 313 | Circuit 3 Home Run (Substation-JB3/1-JB3/3) | 7.5 days | Tue 10/28/14 | Fri 11/7/14 | 40% | | H2 | H1 |
| 314 | Circuit 4 Home Run (Substation-JB4/1-JB4/2) | 5 days | Fri 11/7/14 | Mon 11/17/14 | 0% | | H2 | H1 |
| 315 | Circuit 5 Home Run (Substation-JB5/1) | 2 days | Mon 11/17/14 | Wed 11/19/14 | 95% | | H2 | H1 |
| 316 | Circuit 6 Home Run (Substation-JB6/1-JB6/3) | 3.5 days | Wed 11/19/14 | Mon 11/24/14 | 0% | | H2 | H1 |
| 317 | Circuit 1A Turbine Runs (6 WTGs - 64, 63, 65, 66, 67, 68) | 3 days | Mon 11/24/14 | Thu 11/27/14 | 0% | | H2 | H1 |
| 330 | Substation Installation | 213.8 days | Wed 10/1/14 | Mon 7/27/15 | 1% | | H2 | H1 |
| 331 | Substation Procurement | 184.8 days | Wed 10/1/14 | Tue 6/16/15 | 0% | | H2 | H1 |
| 332 | 230 KV Breaker | 19 wks | Wed 10/1/14 | Tue 3/10/15 | 0% | | H2 | H1 |
| 333 | Manufacture 34.5 KV Circuit Breakers | 28 wks | Wed 10/1/14 | Mon 5/25/15 | 0% | | H2 | H1 |
| 334 | Manufacture 230KV Switches | 20 wks | Wed 10/1/14 | Wed 3/18/15 | 0% | | H2 | H1 |
| 335 | Manufacture 34.5 KV Switches | 20 days | Wed 10/1/14 | Wed 10/29/14 | 0% | | H2 | H1 |
| 337 | Manufacture and Deliver Control Building | 20 wks | Wed 10/1/14 | Wed 3/18/15 | 0% | | H2 | H1 |
| 338 | Substation Construction | 213.05 days | Wed 10/1/14 | Mon 7/27/15 | 8% | | H2 | H1 |
| 340 | Below Grade Conduit & Grounding | 11 days | Thu 10/23/14 | Fri 11/7/14 | 0% | | H2 | H1 |
| 341 | Foundation Works | 15 days | Fri 11/7/14 | Fri 11/28/14 | 10% | | H2 | H1 |
| 354 | Communications & Backup Power | 86.67 days | Wed 10/1/14 | Thu 1/29/15 | 0% | | H2 | H1 |
| 355 | Design & Order T1 & POTS Lines | 3.2 mons | Wed 10/1/14 | Wed 1/21/15 | 0% | | H2 | H1 |
| 357 | Design & Order Backup Power for Control Building | 3.2 mons | Wed 10/1/14 | Wed 1/21/15 | 0% | | H2 | H1 |
| 361 | O&M Building Installation | 76 days | Mon 9/15/14 | Tue 12/30/14 | 31% | | H2 | H1 |
| 363 | Install Conduits & Pour Foundation | 44 days | Mon 9/29/14 | Fri 11/28/14 | 50% | | H2 | H1 |
| 366 | Mel Instrumentation Installation | 257.75 days | Mon 8/11/14 | Wed 9/30/15 | 4% | | H2 | H1 |
| 367 | Procure, Manufacture & Deliver to Site | 36 wks | Fri 8/15/14 | Mon 6/15/15 | 0% | | H2 | H1 |



Border Winds Energy
Notes of Conference Call 20141023

| Name | Present | Organization | | Name | Present | Organization |
|-------------------------|---------|--------------|--|----------------------|---------|--------------|
| Bob Tepp (BT) | X | RES | | Brad Morrison (BMo) | X | Xcel |
| Larry Clark (LC) | X | RES | | Zach Smith (ZS) | X | Xcel |
| Brian Christiansen | | RES | | Nathan Svoda (NS) | X | Xcel |
| Shabeeb Khader | X | RES | | Tony Mallizio (TM) | X | Xcel |
| George Protz | X | RES | | Paul Logan (PL) | | Xcel |
| Brandon Rhine | X | RES | | Michael O'Brien (MO) | X | Xcel |
| Lester Archer | X | RES | | Doug Harthun | X | Xcel |
| Tim Mapp | | RES | | | | |
| Martin Macias | | RES | | | | |
| Fred Lillie | | RES | | | | |
| | | | | | | |
| Chris Hills (CH) | | RES | | | | |
| Kenny Knecht (KK) | X | RES | | | | |
| Julio Lima (JL) | | RES | | | | |
| David Calitz (DC) | | RES | | | | |
| Kyler Leen (KL) | X | RES | | | | |
| Mohamed Nofal (MN) | X | RES | | | | |
| Jomaa Ben-Hassine (JBH) | | RES | | | | |
| Ryan Burris (RB) | X | RES | | | | |
| Steve Keuter | X | RES | | | | |
| Steve Wichern | | RES | | | | |
| Sean Flannery | | RES | | | | |
| Brad Lila | X | RES | | | | |
| Ben Cass | X | RES | | | | |
| Jenny Bredt (JB) | | RES | | | | |
| | | | | | | |
| | | | | | | |



1. Safety Review:

- a. Current Site Safety Index: 0.57
- b. Current TRIR: 0.00
- c. Completed 104 days onsite and 80,766 man hours
- d. Completed 31 orientations in the current period and 294 project to date
- e. Lost time injuries: 0 in week, 0 PTD
- f. Recordable injuries: 0 in week, 0 PTD
- g. First Aids: 1 in week, 9 PTD
- h. Property Damage: 2 in week, 9 PTD
- i. Near Misses: 0 in week, 21 PTD
- j. 3X20 Observations: 27 in week, 186 PTD

2. Review of Weekly Report – See below, notes shown in **Bold Red**

3. Review of Project Schedule



BORDER WINDS WIND PROJECT

WEEKLY PROJECT REPORT

| | |
|--|----------|
| Weekly report no: | 14 |
| Report for week period ending COB Friday: | 10/17/14 |
| Calendar week no: | 42 |

Executive Summary

This Week's Highlights

- Completed work activities with zero recordable injuries accounting for 10,535.70 man hours in the current week and 80,766.70 man hours project to date – TRIR remains at 0.00;
- Completed construction of 136,708 LF out of 189,136 LF of access road aggregate placement project to date – 72% complete;
- Completed five (5) excavations for a total of 60 of 75 sites to date – 80%;
- Poured five (5) mud mats for a total of 56 of 75 sites to date – 75%
- Poured eight (8) bases for a total of 47 of 75 foundation bases project to date – 63% complete;
- Poured eight (8) pedestals for a total of 42 of 75 foundation pedestals project to date – 56% complete;
- Backfilled three (3) foundations for a total of 22 of 75 foundations project to date – 30% complete;
- Trencher for Collection System has been repaired and is back in service;
- Continued construction of Collection System with trenching (a total of 11,902 linear feet) and directional drilling – 3% complete;
- Completed excavation of O&M Building foundation footings and installed rebar;

This Week's Key Issues

- Submitted second response to NCR-2014-026 regarding installation of geogrid on 105th St and Access Road T-1, reviewed onsite with Rolette County and Xcel, expecting to be closed out (Xcel concurred with closure during monthly meeting);
- Trencher for Collection System was broke down until Wednesday, October 15th – digging trench with excavator while trencher was down;
- Civil self-perform crews still require additional supervisors/foremen;



- Confirmed substation grading/foundation plans – rough grading expected to be completed by Wednesday, October 22nd;
 - Foundation drawings reviewed with Xcel on Friday, October 17th. Subgrade work cleared for construction with Rosendin commencing foundation excavations on Saturday, October 18th. First backfill pour planned for Tuesday, October 21st;
- Multiple pieces of civil equipment down for service or repair.

Safety

Accident and incident statistics for this period and to date are:

| Type | Lost Time | Recordable Injury (Medical Aid) | Minor Injury (First Aid) | Equipment Property Damage | Near Miss | 3X20 Observation |
|-----------------|-----------|---------------------------------|--------------------------|---------------------------|-----------|------------------|
| Current Period | 0 | 0 | 1 | 2 | 0 | 27 |
| Project To Date | 0 | 0 | 8 | 9 | 21 | 186 |

TRIR = 0.00

((Lost Time + Medical Aid) * 200,000) / Total Man Hours

RES Safety Index = +0.57

((Lost Time * 64) + (Injury * 16) + (Minor Injury * 4) + (Damage * 1) + (Near Miss * 0.25)) / Man Hours * 1000

*Full description of week's Safety Log can be found in Exhibit 2

Week's Highlights:

- HSQE Site Safety Audit was completed by HSQE Manager Stephen Sloat;
- All Site Safety Signage has been installed;
- Site Safety Pledge Banner has been placed on display;
- Site flag poles have been installed;
- Main project sign and hours worked sign installed;
- Additional traffic control signage installed in laydown yard and throughout site;
- Goal posts being installed where required.

Week's Issues:

- One (1) first aid added to log. An employee injured his left knee while using a jumping jack plate compactor. He was seen by medical professionals and was released to full work status.



- Two (2) minor property damages

Project Work Hours:

- Weekly Man-hours: 10,535.70
- PTD Man-hours: 80,766.70

Environmental

*Full description of week's Environmental Log can be found in Exhibit 3

| Type | Major Incident | Minor Incident | Near Miss | Observation |
|-----------------|----------------|----------------|-----------|-------------|
| Current Period | 0 | 7 | 0 | 0 |
| Project to Date | 0 | 35 | 3 | 7 |

Rolling Incident Score: **1.77**

Week's Highlights:

- Biweekly inspection completed on 10/11/2014 - No issues found;
- Silt fence inspection completed on Friday, 10/17/2014 following high winds on Thursday, 10/16/14 - No issues found;
- All installed BMPs are maintained in good condition;
- All civil crew site trucks are equipped with spill kit for immediate spill control;
- New special waste bin placed in the lay down yard for all spills.

Week's Issues:

- Site experienced seven (7) minor spills that were all contained and cleaned up.
 - Three (3) diesel spill in the laydown yard
 - One (1) concrete washout pit overflow at T13
 - One (1) hydraulic fluid spill from an excavator
 - One (1) anti-freeze spill from an aggregate truck
 - One (1) unknown fluid spill from a **personal** truck

Quality

*Full description of week's Quality Report can be found in Exhibit 4



| | NCRs | | | Incidents | | | CPARs | | |
|---------------|--------|------|--------|-----------|------|--------|--------|------|--------|
| | Issued | Open | Closed | Issued | Open | Closed | Issued | Open | Closed |
| Weekly | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |

Week's Highlights:

- On-going - sieve testing, material proctor, compaction testing, proof rolling, visual inspections for organics in the subgrade, concrete breaks & WTG foundation backfills;
- On-going – Monitor the placement of concrete for mud mats, WTG foundation bases & pedestals;
- On-going daily quality meeting to convey any quality construction issues between the RES quality team, RES management and Xcel. Any issues are recorded and addressed regarding corrective action.

Work Area Inspections conducted:

- Proof rolled access roads for T-4, T-5, T-6, T-8, T-12, T-15 & T-16 - All acceptable for geogrid and class 5 placement;
- Inspected foundation subgrades for T-5, T-12, T-13 & T-14. – Acceptable for mud mat;
- Inspection of base reinforcing steel for T-2, T-3, T-12, T-13, T-15, T-21, T-25, T-26 & T-27. – Acceptable for concrete placement;
- Monitored base concrete placement for T-3, T-13, T-14, T-21, T-25, T-27 & T-28;
- Monitored pedestal concrete placement for T-25, T-26, T-27, T-28, T-29, T-30, T-31 & T-32;
- Inspection of back fills for T-19, T-71 & T-76 – Acceptable for backfill;
- Inspected substation subgrade and density checks, all density tests passed;
- Inspected O&M building subgrade and density checks, all density tests passed;
- Inspected culvert installations on access roads, T-6 & T-16.- Acceptable

Week's Issues through 10/17/2014:

- Foundation base T-49 was not completely covered after the placement of concrete for the protection from cold weather per ACI 306. A Schmidt hammer test will be conducted on the exposed area after a 14 day cure time per ASTM to verify the concrete strength is within the design specifications.
- There have been issues with culvert installations, the land owners are requesting deviation from the construction plans, in the future Xcel, RES Quality, RES Civil Manager and Land Owners will be present to resolve any issues or concerns to ensure acceptable installation.

Schedule Status



| | |
|----------------------------|--------|
| Project duration | 68 |
| No. of weeks into contract | 16 |
| Contract time passed (%) | 23.5 % |

| Key Activities (Construction) | Weighted % | Percent Complete | | |
|---------------------------------|------------|-------------------|-----------------------|--------|
| | | Contract Schedule | Construction Schedule | Actual |
| Design Engineering | 2.5% | 100% | 100% | 100% |
| Roads and Crane Pads | 20% | 61% | 61% | 56% |
| Foundations | 20% | 71% | 71% | 52% |
| Collection System | 20% | 38% | 25% | 12% |
| Substation | 10% | 29% | 17% | 12% |
| WTG Delivery, Erection, MCC | 20% | 0% | 0% | 0% |
| O&M Building | 5% | 26% | 22% | 8% |
| Completion | 2.5% | 0% | 0% | 0% |
| Overall Actual Percent Complete | | | | 28% |

Progress Report

Permit Status

| Permit Type / Description | County / State | Responsible Group | Date Needed By | Status |
|------------------------------|-----------------|-------------------|----------------|-------------------------|
| O&M Well Permit | ND State | AB Systems | 8/30/15 | Pending submittal |
| O&M Septic Permit | ND State | AB Systems | 8/30/15 | Working w/ State |

Comments:

- Looking into rural water option cost of service as an option to the well
- ND State Health Department reviewed site and looking for area for septic drain field.
Report pending.

Construction Status

| Certificates | Total | Submitted | Signed |
|-----------------------------------|-------|-----------|--------|
| Foundation Completion Certificate | 75 | 0 | 0 |



| | | | |
|--|----|---|---|
| Mechanical Completion Certificate | 75 | 0 | 0 |
| Electrical Works Completion Certificate | 1 | 0 | 0 |
| Project Mechanical Completion Certificate | 1 | 0 | 0 |
| Project Substantial Completion Certificate | 1 | 0 | 0 |
| Project Final Completion | 1 | 0 | 0 |

Roads & Crane Pads

| Item | Weighted % | Budget | Total Completed | Total Remaining | Percent Complete |
|-----------------------------|------------|------------|-----------------|-----------------|------------------|
| Roads | 70% | Roads | | | 58% |
| Clear and Grub | 20% | 152,076 | 117,643 | 34,433 | 77% |
| Subgrade | 25% | 152,076 | 105,161 | 46,915 | 69% |
| Place and Compact Road Base | 30% | 189,136 | 136,708 | 52,428 | 72% |
| Shoulders | 15% | | 0 | | |
| Ditches | 10% | | 0 | | |
| Crane Pads | 30% | Crane Pads | | | 0% |
| Shape and Compact Sub Grade | 40% | 75 | 0 | 75 | 0% |
| Place and Compact Road Base | 60% | 75 | 0 | 75 | 0% |

Comments:

- Completing RFIs on access road realignments - reviewed in the field with Xcel;
- Road construction continues to advance to ensure foundation corridors are accessible for concrete construction;
- Subgrade stabilization requirements continue – moving forward with options of 6-inch minus without geogrid, geogrid with 16 inches of aggregate coverage, or layered geogrid consisting of 10 inches of aggregate between geogrid layers which then has 8 additional inches of aggregate to substantially complete the road.

Foundations

| Item | Weighted % | Budget | Total Completed | Total Remaining | Percent Complete |
|-------------------|------------|--------|-----------------|-----------------|------------------|
| Excavations | 10% | 75 | 60 | 15 | 80% |
| Mud Mats | 5% | 75 | 56 | 19 | 75% |
| Bases | 45% | 75 | 47 | 28 | 63% |
| Pedestals | 20% | 75 | 42 | 33 | 56% |
| Backfilled | 15% | 75 | 22 | 53 | 30% |
| Vestas Ground Kit | 5% | 75 | 48 | 27 | 64% |

Foundation Progress 59%

Comments:

- Completing excavations, over-excavations, and fill of over-excavations with inspection by RRC to approve excavation subgrade for mud mats;



- Completed 5 excavations, 5 mud mats, 8 bases, 8 pedestals, 2 backfills and 8 Vestas ground kit installation in the current period;
- Nelson actively pouring mud mats, building bolt cages, and setting rebar and pouring foundation bases and pedestals – targeting 8 to 10 foundations per week;
- Nelson’s crane for setting bolt cages was down 2 days for repairs;

Collection System

| Item | Weighted % | Quantity | Total Received | Total Remaining | Percent Complete |
|-------------------------|--------------|----------|----------------------|-----------------|------------------|
| Deliveries | 30.0% | | Deliveries | | 34% |
| Grounding Transformers | 10.0% | 6 | 0 | 6 | 0.0% |
| MV Cable 3/0 AWG AL | 15.0% | 303,596 | 37,912 | 265,684 | 12% |
| MV Cable 350 Kcmil AL | 7.5% | 140,708 | 0 | 140,708 | 0.0% |
| MV Cable 750 Kcmil AL | 15.0% | 205,038 | 0 | 205,038 | 0.0% |
| MV Cable 1000 Kcmil AL | 7.5% | 88,167 | 23,426 | 64,741 | 26% |
| MV Cable 1250 Kcmil AL | 20.0% | 147,069 | 130,476 | 16,593 | 88% |
| Fiber 12 count | 2.5% | 328,520 | 336,590 | 0 | 100% |
| Fiber 120 count | 2.5% | 6,587 | 0 | 6,587 | 0.0% |
| Ground Cable | 10.0% | 299,663 | 299,663 | 0 | 100% |
| Junction Boxes | 5.0% | | 0 | | 0.0% |
| Rubber Goods | 5.0% | | 0 | | 0.0% |
| Installations | 50.0% | | Installations | | 3% |
| Trench | 60% | 288,150 | 11,902 | 278,324 | 4% |
| MV & Fiber/Ground Cable | 30% | 288,150 | 11,902 | 276,248 | 4% |
| Grounding Transformers | 5% | | 0 | | 0.0% |
| Junction Boxes | 5% | | 0 | | 0.0% |
| Terminations | 20.0% | | Terminations | | 0.0% |
| Grounding Transformers | 10.0% | | 0 | | 0.0% |
| Junction Boxes | 30.0% | | 0 | | 0.0% |
| Turbine | 60.0% | | 0 | | 0.0% |

Collection System Progress: 12%

Comments:

- RES self-perform crews are onsite and collector installation has commenced;
- Trencher had mechanical issues and was back in service as of Wednesday, October 15th;
- Cable deliveries had significant lull but have resumed;
- Dolan drilling is onsite and has started the directional drilling and pipe installation for the collector home-runs ahead of trenching operations;
- **Xcel requested development and addition of directional bore reporting;**



- Xcel discussed the desire to have pricing on installation of thermocouples at the splices, thermocouples to be unterminated, but have leads extending through pipe to surface. LA to work with Brian Hembel on pricing. Potentially an issue with landowners who are farming the areas where the thermocouples might be installed.
- Revised Collector Drawings – Circuit 1 split into 1A and 1B, KL and SK finalizing JB moves and issuing updated drawing which will be provided to Xcel.

O&M Building

- Rough grading of site is complete – adjusted layout of compound within purchased property to provide an additional 20 feet of room for tree plantings;
- Building footings have been excavated and forms have been set **(footings have been poured, expecting to pour walls next week)**;
- Building was delivered on 9/11/14 - Construction will continue through the winter with a scheduled completion by end of December 2014.

Substation

- Rosendin resubmitted design drawings at 60% received – under review by RES;
- Foundation drawing review with Xcel completed on Friday, October 17th;
 - Subgrade work released for construction with Rosendin commencing excavations on Saturday, October 18th;
 - First flowable fill backfill pour scheduled for Tuesday, October 21st;
- RES self-perform scheduled to complete grading of site Wednesday, October 22nd;
- **Encountered organic material below native clay during completion of MPT foundation excavation. Xcel issued an NCR for this event with the note that fill as described in the Substation Standards should be used to fill the pad. RES conducted potholing exercise to clear most of pad, working on uncovering the vein of material to its extents within the pad and remove it. As part of the NCR response, RES to provide map with photos, RRC to provide review of work completed.**

Exhibit 1 – Site Photographs



Border Winds; RES and safety flags



Border Winds; Substation site grading



Border Winds; T18 Entrance



Border Winds; T19 Foundation subgrade compaction



Border Winds; O&M Building footing form (west view)



Border Winds; T21 Foundation rebar inspection approval tag



Border Winds; T28 Earthing kit bonding bar



Border Winds; T51 Rebar and conduit



Exhibit 2 – Safety log

| # | DATE | CLASS | CONTRACTOR | INCIDENT DETAILS | ACTION TAKEN TO CORRECT THE SITUATION | ACTION TAKEN TO PREVENT REOCCURRENCE |
|-----|------------|-----------------------|---------------------|---|---|---|
| 349 | 10/9/2014 | Safe Work Observation | RES Americas | Section 3.5 was completed, all sections compliant. | Safety Inspection (Compliant) | Addressed in daily safety meeting |
| 350 | 10/9/2014 | Safe Work Observation | RES Americas | Section 3.7 was completed, all sections compliant. | Safety Inspection (Compliant) | Addressed in daily safety meeting |
| 351 | 10/9/2014 | Safe Work Observation | RES Americas | Section 3.8 was completed, all sections compliant. | Safety Inspection (Compliant) | Addressed in daily safety meeting |
| 352 | 10/9/2014 | Safe Work Observation | RES Americas | Section 3.9 was completed, all sections compliant. | Safety Inspection (Compliant) | Addressed in daily safety meeting |
| 353 | 10/10/2014 | Safe Work Observation | RES Americas | Section 3.11 was completed, all sections compliant. | Safety Inspection (Compliant) | Addressed in daily safety meeting |
| 354 | 10/10/2014 | Safe Work Observation | RES Americas | Section 3.12 was completed, all sections compliant. | Safety Inspection (Compliant) | Addressed in daily safety meeting |
| 355 | 10/10/2014 | Safe Work Observation | RES Americas | Section 3.13 was completed, all sections compliant. | Safety Inspection (Compliant) | Addressed in daily safety meeting |
| 356 | 10/10/2014 | Safe Work Observation | RES Americas | Section 3.14 was completed, all sections compliant. | Safety Inspection (Compliant) | Addressed in daily safety meeting |
| 357 | 10/13/2014 | Safe Work Observation | RES Americas | Section 3.15 was completed, all sections compliant. | Safety Inspection (Compliant) | Addressed in daily safety meeting |
| 358 | 10/13/2014 | Safe Work Observation | RES Americas | Section 3.16 was completed, all sections compliant. | Safety Inspection (Compliant) | Addressed in daily safety meeting |
| 359 | 10/13/2014 | Safe Work Observation | RES Americas | Section 3.17 was completed, all sections compliant. | Safety Inspection (Compliant) | Addressed in daily safety meeting |
| 360 | 10/13/2014 | Safe Work Observation | RES Earth and Cable | Good use of hand signals between equipment operator and ground personnel. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 361 | 10/13/2014 | Safe Work Observation | RES Earth and Cable | Ground guide was used even though not needed for extra safety. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 362 | 10/13/2014 | Hazard Observation | RES Earth and Cable | Work truck was parked and needed to have cones put out. | Individuals were told to go put their cones out. Will also be addressed in the next daily safety meeting. | Addressed in daily safety meeting |
| 363 | 10/13/2014 | Safe Work Observation | Nelson Wind | Excellent communications between everyone on site while crane was moving rebar. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 364 | 10/13/2014 | Hazard Observation | RES Earth and Cable | Employee operating a vehicle did not have a beacon on top of vehicle. | Announcement was made on all radio channels that all individuals driving company vehicles needed to have either a beacon or running flashers. | Addressed in daily safety meeting |
| 365 | 10/14/2014 | Safe Work Observation | RES Earth and Cable | Cement truck operator maintained scene control and site situational awareness of other workers safety. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 366 | 10/14/2014 | Safe Work Observation | RES Earth and Cable | Cement truck drivers all had on PPE when working where cement was being off loaded. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 367 | 10/14/2014 | Safe Work Observation | RES Earth and Cable | Crew truck was positioned outside of the work area and coned. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 368 | 10/14/2014 | Safe Work Observation | RES Earth and Cable | The operator asked if there were any barricading materials in my vehicle so that he could properly barricade the excavation site. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 369 | 10/14/2014 | Safe Work Observation | RES Earth and Cable | All workers donned correct PPE for equipment work. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 370 | 10/14/2014 | Safe Work Observation | RES Americas | Section 3.18 was completed; section is not applicable to ongoing work. | Safety Inspection (Non Applicable) | Addressed in daily safety meeting |
| 371 | 10/14/2014 | Safe Work Observation | RES Americas | Section 3.19 was completed, all sections compliant. | Safety Inspection (Compliant) | Addressed in daily safety meeting |
| 372 | 10/14/2014 | Safe Work Observation | RES Americas | Section 3.20 was completed; section is not applicable to ongoing work. | Safety Inspection (Non Applicable) | Addressed in daily safety meeting |
| 373 | 10/14/2014 | Safe Work Observation | RES Americas | Section 3.21 was completed, all sections compliant. | Safety Inspection (Compliant) | Addressed in daily safety meeting |
| 374 | 10/14/2014 | Injury | RES Earth and Cable | The employee was operating a jumping jack plate compactor | The employee was taken to Presentation Medical Center for evaluation and cleared | Reminded all employees about the importance of following safety program when working on the |



| | | | | | | |
|-----|------------|-----------------------|---------------------|---|-----------------------------------|--|
| | | | | and while using the equipment the employee lost grip of the equipment and the left handle of the equipment impacted his left knee. | for full duty on 14Oct2014. | Border Winds Project. |
| 375 | 10/15/2014 | Safe Work Observation | RES Earth and Cable | The crew working had a land owner visit the site and had the owner sign onto the JHA | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 376 | 10/15/2014 | Safe Work Observation | RES Earth and Cable | Road Maintainer operator got out of the equipment and directed the trucks where to drop materials. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 377 | 10/15/2014 | Safe Work Observation | RES Earth and Cable | The crews on the ground had great communication with the maintainer operator when trucks would drop materials onto geo grid and getting materials spread. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 378 | 10/15/2014 | Safe Work Observation | Building and Earth | Cement tester donned all needed PPE, chemical gloves and eye splash protection. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 379 | 10/15/2014 | Safe Work Observation | Dolan Directional | Operator showed proper use of his machinery | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 380 | 10/15/2014 | Safe Work Observation | Dolan Directional | Barricades were properly set up and spaced 2 feet away from the excavation | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 381 | 10/15/2014 | Safe Work Observation | RES Earth and Cable | Employee backed spool trailer properly and requested a spotter | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 382 | 10/15/2014 | Safe Work Observation | RES Earth and Cable | Employees used proper lifting techniques when taking spoil trailer off of the truck hitch | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 383 | 10/15/2014 | Safe Work Observation | Nelson Wind | Finisher used proper foot placement when walking on concrete covered rebar | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 384 | 10/15/2014 | Safe Work Observation | Nelson Wind | Finisher gave proper hand signals to concrete pump operator | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 385 | 10/16/2014 | Safe Work Observation | RES Earth and Cable | Employees used proper communication when transporting the trencher to a different site | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 386 | 10/16/2014 | Safe Work Observation | RES Earth and Cable | Employee had 3 spotters when backing up the trencher | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 387 | 10/16/2014 | Safe Work Observation | Nelson Wind | Employees took precaution and moved away when rebar was being lowered by the crane into the excavation | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 388 | 10/16/2014 | Safe Work Observation | Nelson Wind | Employee saw coworker struggling with rebar and helped him out | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 389 | 10/16/2014 | Safe Work Observation | Building and Earth | Employee handled the wheel-barrel safely while transferring concrete to the concrete truck | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 390 | 10/16/2014 | Safe Work Observation | Building and Earth | Employee had all PPE his job testing the concrete. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 391 | 10/16/2014 | Safe Work Observation | RES Americas | Employee switched tasks and donned needed PPE for Task | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 392 | 10/16/2014 | Safe Work Observation | RES Americas | When starting a new task, task was added to the JHA. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 393 | 10/16/2014 | Safe Work Observation | RES Earth and Cable | Operator got out of equipment to direct trucks where to dump materials and where to drive. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 394 | 10/16/2014 | Safe Work Observation | RES Earth and Cable | When vehicles were passing the maintainer operator moved his equipment out of the way to safely allow vehicles to pass. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 395 | 10/16/2014 | Safe Work Observation | RES Earth and Cable | Excavation site crew member drove back to yard to get more T posts for excavation | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |



| | | | | | | |
|-----|------------|-----------------------|---------------------|--|---|--|
| | | | | barricades. | | |
| 396 | 10/11/2014 | Damage | RES Earth and Cable | Water truck was damaged. Fuel Tank on passenger side. Investigation was held. No actual cause found | Employee was addressed and advised on reporting damages as soon as witnessed | Safety topic in morning meeting covering proper procedures as to reporting damages when seen |
| 397 | 10/14/2014 | Damage | RES Earth and Cable | Trenching was taking place when a dead wire was severed with teeth from track hoe | Corrective action not necessary because all procedures were properly followed | Continue utilizing dig number |
| 398 | 10/14/2014 | Safe Work Observation | RES Earth and Cable | When unloading a pallet from the back of a pickup truck the fork operator made sure he had a spotter and ground guide. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 399 | 10/14/2014 | Safe Work Observation | RES Earth and Cable | When horses were loose on one of the main thoroughfare for the project an employee called site safety and let everyone know about the hazard and kept an eye on the horses until site safety arrived. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 400 | 10/14/2014 | Safe Work Observation | RES Earth and Cable | Supervisor had great communication with all employees throughout the day with regards to getting them materials and equipment as needed. | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 401 | 10/2/2014 | Safe Work Observation | RES Earth and Cable | Employees had cones placed around vehicle at the job site | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 402 | 10/2/2014 | Safe Work Observation | RES Earth and Cable | Operator sounded horn prior to travel | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 403 | 10/2/2014 | Safe Work Observation | Nelson Wind | Employees disengaged trailer and chocked it | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 404 | 10/2/2014 | Safe Work Observation | Nelson Wind | Employees showed good use of spotters when backing up concrete trucks | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 405 | 10/15/2014 | Safe Work Observation | Nelson Wind | Employee disengaged trailer and showed good use of double taglines using 3 and four person lifts when moving rebar | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 406 | 10/15/2014 | Safe Work Observation | Nelson Wind | Employees set barricade under feed belt to prevent walking under it/ Pump was set up in safe distance away from excavation | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 407 | 10/17/2014 | Safe Work Observation | Midwest Mobile | Operator placed outriggers in safe location away from the excavation | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 408 | 10/17/2014 | Safe Work Observation | Midwest Mobile | Employee properly directed concrete trucks when backing up to the conveyor belt | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 409 | 10/17/2014 | Safe Work Observation | RES Earth and Cable | Foreman showed great communication skills between himself and his crew | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 410 | 10/17/2014 | Safe Work Observation | RES Earth and Cable | Operator set up the proper barricade before demobilizing | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 411 | 10/18/2014 | Safe Work Observation | RES Earth and Cable | Operator showed proper use of his machinery | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 412 | 10/18/2014 | Safe Work Observation | RES Earth and Cable | Operator took precaution when backfilling around the pedestal | None, this was a safe observation | Mentioned the good conditions in the next all hands meeting. |
| 413 | 10/18/2014 | Damage | RES Earth and Cable | A phone wire was severed in an area that was being trenched. There were no flags to show the existence of any utilities in the area. The phone company was contacted and they did confirm that the line was abandoned. | Corrective action not necessary because all procedures were properly followed | Mentioned to the cable crew that they were not at fault and to continue utilizing the one-call number. |



Exhibit 3 – Environmental Log

| # | CLASS | SUB_CAT | CONTRACTOR | DATE | INCIDENT DETAILS | ACTION TAKEN TO CORRECT SITUATION | ACTION TAKEN TO PREVENT REOCCURRENCE |
|----|---------------------------|---------------------------|------------------|------------|--|--|--|
| 39 | Minor Incident (Below RQ) | Equipment Failure or leak | Nelson winds | 10/13/2014 | Fuel spilled while pulling out the hose after fueling the loader. Approximately 1/2 cups of fuel on the ground. | Picked up the spill with a shovel and send for to subcontractor's disposal pit. | Wait for 30 second before pulling out the fuel hose after fuelling to avoid drips on the ground. |
| 40 | Minor Incident (Below RQ) | Equipment Failure or leak | RES E&C | 10/14/2014 | Hydraulic fluid leaked over the equipment and leaked on the ground from an excavator. The hydraulic line was not connected properly when last checked by mechanic. | The leak was first contained using absorbent pads and drip pans. The spoil was collected using a backhoe and shovel and disposed into the special waste bin in the laydown yard. | The vehicle was removed from operation until fixed |
| 41 | Minor Incident (Below RQ) | Equipment Failure or leak | Building & Earth | 10/15/2014 | Unknown fluid leak from one of the personal vehicle. Possibly transmission oil spill on the laydown yard. | The affected soil was collected using a shovel and collected in a closed container. | Asked to check personal vehicles for any leaks every morning and repair the vehicle at the earliest. |
| 42 | Minor Incident (Below RQ) | Equipment Failure or leak | Midwest Mobil | 10/16/2014 | Diesel leak from an unknown vehicle on the driveway in the batch plant area. | The affected soil was collected using a shovel and disposed in the subcontractors waste area. | Asked to ensure all fuelling process using a diaper pad to avoid spill on the ground. |
| 43 | Minor Incident (Below RQ) | Equipment Failure or leak | Midwest Mobil | 10/16/2014 | Diesel leak from near the concrete truck staging area | The affected soil was collected using a loader and disposed in the subcontractors waste area. | Asked to ensure all fuelling process using a diaper pad to avoid spill on the ground. |
| 44 | Minor Incident (Below RQ) | Equipment Failure or leak | Pinkys Aggregate | 10/16/2014 | Pinkys Aggregate had a 3 gallon antifreeze spill between T4 and T5 due to loose radiator cap. | The affected soil was collected using a loader and sent with the subcontractor's truck to be disposed. | The vehicle was send off site operation to be fixed |
| 45 | Minor Incident (Below RQ) | Equipment Failure or leak | Nelson Winds | 10/17/2014 | Overflow was identified from the concrete washout pit at T13 site 6'x3'. | The spill was reported to Nelson Winds and was taken care by Nelson Winds. The affected soil was collected using a loader and disposed in the subcontractors waste area. | Advised to ensure the concrete truck maintain safe distance to avoid damage to the wash out pit. Maintain the wash out area to prevent overflow. |



Exhibit 4 – Quality Log

- Incidents - None
- CPARs - None
- NCRs - Two by Xcel

Material Receipt

| Description of Material | Delivery Date | Vendor | Quantity | Cumulative Qty | Balance |
|-------------------------|---------------|--------|----------|----------------|---------|
| | | | | | |
| | | | | | |
| | | | | | |

| Description of Material | NCR Opened (Current Week) | NCR Closed (Current Week) | Total NCR Open (As of this Week) | Total NCR Closed (As of this week) |
|--|------------------------------|------------------------------|-------------------------------------|---------------------------------------|
| TX 5 Geogrid Placement NCR-2014-026 | 0 | 0 | 1 | 0 |
| | | | | |



Border Winds

FIELD QUALITY CONTROL PROGRAM DEFICIENCY REPORT REGISTER

PREPARED BY: George Protz

| No. | Description i.e. Roads, Foundations, Electrical | LOCATION | Turbine # | Test Document No: | DEFICIENCY DESCRIPTION | DATE ENTERED | DATE CLEARED |
|-----|---|----------------------------------|-----------|-------------------------|--|-----------------|-----------------|
| 1 | Roads, Culverts | Road K2 Sta. 21+00 | T-28/T-29 | USCF-001 | Incorrect Culvert Installation | 9/29/2014 | |
| 2 | Roads, Culverts | Road W# Sta. 00+12 | T-59 | USCF-001 | Incorrect Culvert Installation | 9/29/2014 | |
| 3 | Foundations | T-49 Base | T-49 | USCF-001 | Foundation not protected for cold weather per ACI 306 | 10/08/2014 | |
| 4 | Roads, Culverts | 105 th Ave Sta. 15+25 | | USCF-001 | Geogrid not replace after installation | 10/14/2014 | |
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**Field Quality Control
Deficiency Report**

| | | |
|--|---|--|
| Project No.: 23053-2-2 | Report No: 01 | Date: 9/29/2104 |
| Initiators Name: George Protz | Turbine # T-58 / K2 | |
| Test Document Number: USCF-001 | Deficiency Location: K2 access road station 21+00 | |
| No. of NCR's Initiated with this report: | | |
| NCR Report Numbers: | | |
| Discipline | | |
| <input checked="" type="checkbox"/> Roads/Crane Pads | <input type="checkbox"/> Foundations/Rebar | <input type="checkbox"/> Equipment Preservation /Storage |
| <input type="checkbox"/> Mechanical/Equipment | <input type="checkbox"/> Electrical/Instrumentation | <input type="checkbox"/> Material Receiving |

Summary:

The 12' culvert is not installed correctly as it is above bottom of the trench,

The culvert needs to be removed and installed to the correct elevation.

Date of Completion: _____

Name of Inspector: _____

Signature for Completion: _____



**Field Quality Control
Deficiency Report**

| | | |
|--|--|--|
| Project No.: 23053-2-2 | Report No: 02 | Date: 9/29/2104 |
| Initiators Name: George Protz | Turbine # T-59 / W3 | |
| Test Document Number: USCF-001 | Deficiency Location: K2 access road station 00+12 | |
| No. of NCR's initiated with this report: | | |
| NCR Report Numbers: | | |
| Discipline | | |
| <input checked="" type="checkbox"/> Roads/Crane Pads | <input type="checkbox"/> Foundations/Rebar | <input type="checkbox"/> Equipment Preservation /Storage |
| <input type="checkbox"/> Mechanical/Equipment | <input type="checkbox"/> Electrical/Instrumentation | <input type="checkbox"/> Material Receiving |

Summary:

The 12' culvert is not installed correctly as it is above bottom of the trench,

The culvert needs to be removed and installed to the correct elevation.

Date of Completion: _____

Name of Inspector: _____

Signature for Completion: _____



**Field Quality Control
Deficiency Report**

| | | |
|---|--|--|
| Project No.: 23053-2-2 | Report No: 03 | Date: 10/08/2104 |
| Initiators Name: George Protz | Turbine # T-49 | |
| Test Document Number: USCF-001 | Deficiency Location: T-49 South Side Upper Part of Turbine Base | |
| No. of NCR's initiated with this report: | | |
| NCR Report Numbers: | | |
| Discipline | | |
| <input type="checkbox"/> Roads/Crane Pads | <input checked="" type="checkbox"/> Foundations/Rebar | <input type="checkbox"/> Equipment Preservation /Storage |
| <input type="checkbox"/> Mechanical/Equipment | <input type="checkbox"/> Electrical/Instrumentation | <input type="checkbox"/> Material Receiving |

Summary:

Turbine base T-49 was not properly covered after the placement of concrete for the protection from cold weather per ACI 306. A Schmidt hammer test will be conducted after a 14 day cure time per ASTM to verify the concrete strength is within the design specifications.

Date of Completion: _____

Name of Inspector: _____

Signature for Completion: _____



**Field Quality Control
Deficiency Report**

| | | |
|--|---|--|
| Project No.: 23053-2-2 | Report No: 04 | Date: 10/14/2104 |
| Initiators Name: George Protz | Turbine # | |
| Test Document Number: USCF-001 | Deficiency Location: 105th Ave. Sta. 17+25 | |
| No. of NCR's Initiated with this report: | | |
| NCR Report Numbers: | | |
| Discipline | | |
| <input checked="" type="checkbox"/> Roads/Crane Pads | <input type="checkbox"/> Foundations/Rebar | <input type="checkbox"/> Equipment Preservation /Storage |
| <input type="checkbox"/> Mechanical/Equipment | <input type="checkbox"/> Electrical/Instrumentation | <input type="checkbox"/> Material Receiving |

Summary:

The culvert on 105th ave. Sta 17+25 was installed after the Geogrid and road were completed, after the installation the Geogrid was not replaced. This area of the road will be monitored and if a sign of nonperformance on the road area is apparent through the winter the Geogrid will be installed.

Date of Completion: _____

Name of Inspector: _____

Signature for Completion: _____



Exhibit 5 – RFI Log

| RFI | Generated By | Company | Sent To | Company | Subject | Date Sent | Response Requested By | Type: Civil, Electrical, etc. | Date Closed |
|----------|----------------------|---------|------------------|----------------------------|---|------------|-----------------------|-------------------------------|-------------|
| 23053-01 | David Calitz | RES | Nathan Svoboda | Xcel Energy - Generation | Substation Relay Requirements | 2/28/2014 | 3/7/2014 | Electrical | 3/10/2014 |
| 23053-02 | Kyler Leen | RES | Chris Ayika | Xcel Energy - Transmission | Allowable Voltage Step Change | 3/31/2014 | 4/4/2014 | Electrical | 5/1/2014 |
| 23053-03 | Kyler Leen | RES | Chris Ayika | Xcel Energy - Transmission | Grid Voltage Profile | 3/31/2014 | 4/4/2014 | Electrical | 5/1/2014 |
| 23053-04 | Kyler Leen | RES | Bradley Morrison | Xcel Energy - Generation | Main Power Transformer Design | 3/31/2014 | 4/4/2014 | Electrical | 4/21/2014 |
| 23053-05 | Bob Tepp | RES | Ritchie Farmer | Vestas | Draka 35kV, 3x70mm ² Down-Tower Cable Data | 7/16/2014 | 7/18/2014 | Electrical | 7/23/2014 |
| 23053-06 | David Calitz | RES | Bradley Morrison | Xcel Energy - Generation | Substation Capacitor Bank Configurations | 7/31/2014 | 8/4/2014 | Electrical | 8/5/2014 |
| 23053-07 | Kyler Leen | RES | Chris Ayika | Xcel Energy - Transmission | VAR Neutrality | 8/5/2014 | 8/8/2014 | Electrical | |
| 23053-08 | Bob Tepp | RES | Bradley Morrison | Xcel Energy - Generation | T58 Access Road Entrance Culvert Removal | 8/13/2014 | 8/15/2014 | Civil | 8/14/2014 |
| 23053-09 | Bob Tepp | RES | Bradley Morrison | Xcel Energy - Generation | Access Road Adjustment to T72 and T74 | 8/18/2014 | 8/20/2014 | Civil | |
| 23053-10 | Bob Tepp | RES | Bradley Morrison | Xcel Energy - Generation | Access Road Adjustment to T71, T76, and T77 | 8/18/2014 | 8/20/2014 | Civil | |
| 23053-11 | Bob Tepp | RES | Bradley Morrison | Xcel Energy - Generation | Access Road Adjustment to T51, T52, T53, and T54 | 8/18/2014 | 8/20/2014 | Civil | |
| 23053-12 | Bob Tepp | RES | Bradley Morrison | Xcel Energy - Generation | Access Road Adjustment to T31 and T32 | 8/18/2014 | 8/21/2014 | Civil | |
| 23053-13 | Bob Tepp | RES | Bradley Morrison | Xcel Energy - Generation | Access Road Adjustment to T26 | 8/18/2014 | 8/21/2014 | Civil | |
| 23053-14 | Bob Tepp | RES | Bradley Morrison | Xcel Energy - Generation | Access Road Adjustment to T22 | 8/18/2014 | 8/21/2014 | Civil | 8/28/2014 |
| 23053-15 | Julio Lima | RES | Chris Ayika | Xcel Energy - Transmission | Peace Garden dead end structures GPS coordinates | 8/21/2014 | 8/25/2014 | Electrical | 8/25/2014 |
| 23053-16 | Kyler Leen | RES | Chris Ayika | Xcel Energy - Transmission | Dynamic Reactive Power Inputs | 9/9/2014 | 9/16/2014 | Electrical | |
| 23053-17 | Kyler Leen | RES | Richard Farmer | Vestas | WTG Conduit Type and Location | 9/24/2014 | 10/1/2014 | Electrical | 10/3/2014 |
| 23053-18 | David Calitz | RES | Bradley Morrison | Xcel Energy - Generation | HV and MV disconnect switch requirements | 9/26/2014 | 10/3/2014 | Electrical | |
| 23053-19 | Shabeeb Abdul Khader | RES | Bradley Morrison | Xcel Energy - Generation | Use aggregate from Marcel Pit | 9/29/2014 | 10/1/2014 | Civil | 10/6/2014 |
| 23053-20 | Julio Lima | RES | Rich Rhode | Rosendin Electric | Plan and Schedule for material delivery in the load restriction period | 9/30/2014 | 10/3/2014 | Electrical | |
| 23053-21 | Shabeeb Abdul Khader | RES | Bradley Morrison | Xcel Energy - Generation | Substation Foundation | 10/8/2014 | 10/10/2014 | Civil | 10/9/2014 |
| 23053-22 | Shabeeb Abdul Khader | RES | Bradley Morrison | Xcel Energy - Generation | Access road adjustments to T19, T20, T79/T80, T21/T22, T15, T10/T11, T5, and T30, T1/T2 | 10/9/2014 | 10/16/2014 | Civil | 10/16/2014 |
| 23053-23 | Shabeeb Abdul Khader | RES | Bradley Morrison | Xcel Energy - Generation | Access road adjustments to T33/34 | 10/13/2014 | 10/20/2014 | Civil | 10/16/2014 |
| 23053-24 | Shabeeb Abdul Khader | RES | Bradley Morrison | Xcel Energy - Generation | Access road adjustments to T26 | 10/14/2014 | 10/21/2014 | Civil | 10/16/2014 |
| 23053-25 | Aaron Thooft | RES | Bradley Morrison | Xcel Energy - Generation | Collector System - Circuit 5 route - realignment | 10/15/2014 | 10/22/2014 | Electrical | |
| 23053-26 | Roark Lanning | RES | Richard Farmer | Vestas | WTG Installation Manuals for the Mk7H and Mk10 V100-2.0 VCSS turbines | 41928 | 41933 | Electrical | |

Exhibit 6 – Three Week Look Ahead

| ID | Task Name | Duration | Start | Finish | % Complete | H1 | H2 | H3 | H4 | H5 | H6 | H7 | H8 | H9 | H10 | H11 | H12 | H13 | H14 | H15 | H16 | H17 | H18 | H19 | H20 | H21 | H22 | H23 | H24 | H25 | H26 | H27 | H28 | H29 | H30 | H31 | H32 | H33 | H34 | H35 | H36 | H37 | H38 | H39 | H40 | H41 | H42 | H43 | H44 | H45 | H46 | H47 | H48 | H49 | H50 | H51 | H52 | H53 | H54 | H55 | H56 | H57 | H58 | H59 | H60 | H61 | H62 | H63 | H64 | H65 | H66 | H67 | H68 | H69 | H70 | H71 | H72 | H73 | H74 | H75 | H76 | H77 | H78 | H79 | H80 | H81 | H82 | H83 | H84 | H85 | H86 | H87 | H88 | H89 | H90 | H91 | H92 | H93 | H94 | H95 | H96 | H97 | H98 | H99 | H100 | H101 | H102 | H103 | H104 | H105 | H106 | H107 | H108 | H109 | H110 | H111 | H112 | H113 | H114 | H115 | H116 | H117 | H118 | H119 | H120 | H121 | H122 | H123 | H124 | H125 | H126 | H127 | H128 | H129 | H130 | H131 | H132 | H133 | H134 | H135 | H136 | H137 | H138 | H139 | H140 | H141 | H142 | H143 | H144 | H145 | H146 | H147 | H148 | H149 | H150 | H151 | H152 | H153 | H154 | H155 | H156 | H157 | H158 | H159 | H160 | H161 | H162 | H163 | H164 | H165 | H166 | H167 | H168 | H169 | H170 | H171 | H172 | H173 | H174 | H175 | H176 | H177 | H178 | H179 | H180 | H181 | H182 | H183 | H184 | H185 | H186 | H187 | H188 | H189 | H190 | H191 | H192 | H193 | H194 | H195 | H196 | H197 | H198 | H199 | H200 | H201 | H202 | H203 | H204 | H205 | H206 | H207 | H208 | H209 | H210 | H211 | H212 | H213 | H214 | H215 | H216 | H217 | H218 | H219 | H220 | H221 | H222 | H223 | H224 | H225 | H226 | H227 | H228 | H229 | H230 | H231 | H232 | H233 | H234 | H235 | H236 | H237 | H238 | H239 | H240 | H241 | H242 | H243 | H244 | H245 | H246 | H247 | H248 | H249 | H250 | H251 | H252 | H253 | H254 | H255 | H256 | H257 | H258 | H259 | H260 | H261 | H262 | H263 | H264 | H265 | H266 | H267 | H268 | H269 | H270 | H271 | H272 | H273 | H274 | H275 | H276 | H277 | H278 | H279 | H280 | H281 | H282 | H283 | H284 | H285 | H286 | H287 | H288 | H289 | H290 | H291 | H292 | H293 | H294 | H295 | H296 | H297 | H298 | H299 | H300 | H301 | H302 | H303 | H304 | H305 | H306 | H307 | H308 | H309 | H310 | H311 | H312 | H313 | H314 | H315 | H316 | H317 | H318 | H319 | H320 | H321 | H322 | H323 | H324 | H325 | H326 | H327 | H328 | H329 | H330 | H331 | H332 | H333 | H334 | H335 | H336 | H337 | H338 | H339 | H340 | H341 | H342 | H343 | H344 | H345 | H346 | H347 | H348 | H349 | H350 | H351 | H352 | H353 | H354 | H355 | H356 | H357 | H358 | H359 | H360 | H361 | H362 | H363 | H364 | H365 | H366 | H367 | H368 | H369 | H370 | H371 | H372 | H373 | H374 | H375 | H376 | H377 | H378 | H379 | H380 | H381 | H382 | H383 | H384 | H385 | H386 | H387 | H388 | H389 | H390 | H391 | H392 | H393 | H394 | H395 | H396 | H397 | H398 | H399 | H400 | H401 | H402 | H403 | H404 | H405 | H406 | H407 | H408 | H409 | H410 | H411 | H412 | H413 | H414 | H415 | H416 | H417 | H418 | H419 | H420 | H421 | H422 | H423 | H424 | H425 | H426 | H427 | H428 | H429 | H430 | H431 | H432 | H433 | H434 | H435 | H436 | H437 | H438 | H439 | H440 | H441 | H442 | H443 | H444 | H445 | H446 | H447 | H448 | H449 | H450 | H451 | H452 | H453 | H454 | H455 | H456 | H457 | H458 | H459 | H460 | H461 | H462 | H463 | H464 | H465 | H466 | H467 | H468 | H469 | H470 | H471 | H472 | H473 | H474 | H475 | H476 | H477 | H478 | H479 | H480 | H481 | H482 | H483 | H484 | H485 | H486 | H487 | H488 | H489 | H490 | H491 | H492 | H493 | H494 | H495 | H496 | H497 | H498 | H499 | H500 | H501 | H502 | H503 | H504 | H505 | H506 | H507 | H508 | H509 | H510 | H511 | H512 | H513 | H514 | H515 | H516 | H517 | H518 | H519 | H520 | H521 | H522 | H523 | H524 | H525 | H526 | H527 | H528 | H529 | H530 | H531 | H532 | H533 | H534 | H535 | H536 | H537 | H538 | H539 | H540 | H541 | H542 | H543 | H544 | H545 | H546 | H547 | H548 | H549 | H550 | H551 | H552 | H553 | H554 | H555 | H556 | H557 | H558 | H559 | H560 | H561 | H562 | H563 | H564 | H565 | H566 | H567 | H568 | H569 | H570 | H571 | H572 | H573 | H574 | H575 | H576 | H577 | H578 | H579 | H580 | H581 | H582 | H583 | H584 | H585 | H586 | H587 | H588 | H589 | H590 | H591 | H592 | H593 | H594 | H595 | H596 | H597 | H598 | H599 | H600 | H601 | H602 | H603 | H604 | H605 | H606 | H607 | H608 | H609 | H610 | H611 | H612 | H613 | H614 | H615 | H616 | H617 | H618 | H619 | H620 | H621 | H622 | H623 | H624 | H625 | H626 | H627 | H628 | H629 | H630 | H631 | H632 | H633 | H634 | H635 | H636 | H637 | H638 | H639 | H640 | H641 | H642 | H643 | H644 | H645 | H646 | H647 | H648 | H649 | H650 | H651 | H652 | H653 | H654 | H655 | H656 | H657 | H658 | H659 | H660 | H661 | H662 | H663 | H664 | H665 | H666 | H667 | H668 | H669 | H670 | H671 | H672 | H673 | H674 | H675 | H676 | H677 | H678 | H679 | H680 | H681 | H682 | H683 | H684 | H685 | H686 | H687 | H688 | H689 | H690 | H691 | H692 | H693 | H694 | H695 | H696 | H697 | H698 | H699 | H700 | H701 | H702 | H703 | H704 | H705 | H706 | H707 | H708 | H709 | H710 | H711 | H712 | H713 | H714 | H715 | H716 | H717 | H718 | H719 | H720 | H721 | H722 | H723 | H724 | H725 | H726 | H727 | H728 | H729 | H730 | H731 | H732 | H733 | H734 | H735 | H736 | H737 | H738 | H739 | H740 | H741 | H742 | H743 | H744 | H745 | H746 | H747 | H748 | H749 | H750 | H751 | H752 | H753 | H754 | H755 | H756 | H757 | H758 | H759 | H760 | H761 | H762 | H763 | H764 | H765 | H766 | H767 | H768 | H769 | H770 | H771 | H772 | H773 | H774 | H775 | H776 | H777 | H778 | H779 | H780 | H781 | H782 | H783 | H784 | H785 | H786 | H787 | H788 | H789 | H790 | H791 | H792 | H793 | H794 | H795 | H796 | H797 | H798 | H799 | H800 | H801 | H802 | H803 | H804 | H805 | H806 | H807 | H808 | H809 | H810 | H811 | H812 | H813 | H814 | H815 | H816 | H817 | H818 | H819 | H820 | H821 | H822 | H823 | H824 | H825 | H826 | H827 | H828 | H829 | H830 | H831 | H832 | H833 | H834 | H835 | H836 | H837 | H838 | H839 | H840 | H841 | H842 | H843 | H844 | H845 | H846 | H847 | H848 | H849 | H850 | H851 | H852 | H853 | H854 | H855 | H856 | H857 | H858 | H859 | H860 | H861 | H862 | H863 | H864 | H865 | H866 | H867 | H868 | H869 | H870 | H871 | H872 | H873 | H874 | H875 | H876 | H877 | H878 | H879 | H880 | H881 | H882 | H883 | H884 | H885 | H886 | H887 | H888 | H889 | H890 | H891 | H892 | H893 | H894 | H895 | H896 | H897 | H898 | H899 | H900 | H901 | H902 | H903 | H904 | H905 | H906 | H907 | H908 | H909 | H910 | H911 | H912 | H913 | H914 | H915 | H916 | H917 | H918 | H919 | H920 | H921 | H922 | H923 | H924 | H925 | H926 | H927 | H928 | H929 | H930 | H931 | H932 | H933 | H934 | H935 | H936 | H937 | H938 | H939 | H940 | H941 | H942 | H943 | H944 | H945 | H946 | H947 | H948 | H949 | H950 | H951 | H952 | H953 | H954 | H955 | H956 | H957 | H958 | H959 | H960 | H961 | H962 | H963 | H964 | H965 | H966 | H967 | H968 | H969 | H970 | H971 | H972 | H973 | H974 | H975 | H976 | H977 | H978 | H979 | H980 | H981 | H982 | H983 | H984 | H985 | H986 | H987 | H988 | H989 | H990 | H991 | H992 | H993 | H994 | H995 | H996 | H997 | H998 | H999 | H1000 | H1001 | H1002 | H1003 | H1004 | H1005 | H1006 | H1007 | H1008 | H1009 | H1010 | H1011 | H1012 | H1013 | H1014 | H1015 | H1016 | H1017 | H1018 | H1019 | H1020 | H1021 | H1022 | H1023 | H1024 | H1025 | H1026 | H1027 | H1028 | H1029 | H1030 | H1031 | H1032 | H1033 | H1034 | H1035 | H1036 | H1037 | H1038 | H1039 | H1040 | H1041 | H1042 | H1043 | H1044 | H1045 | H1046 | H1047 | H1048 | H1049 | H1050 | H1051 | H1052 | H1053 | H1054 | H1055 | H1056 | H1057 | H1058 | H1059 | H1060 | H1061 | H1062 | H1063 | H1064 | H1065 | H1066 | H1067 | H1068 | H1069 | H1070 | H1071 | H1072 | H1073 | H1074 | H1075 | H1076 | H1077 | H1078 | H1079 | H1080 | H1081 | H1082 | H1083 | H1084 | H1085 | H1086 | H1087 | H1088 | H1089 | H1090 | H1091 | H1092 | H1093 | H1094 | H1095 | H1096 | H1097 | H1098 | H1099 | H1100 | H1101 | H1102 | H1103 | H1104 | H1105 | H1106 | H1107 | H1108 | H1109 | H1110 | H1111 | H1112 | H1113 | H1114 | H1115 | H1116 | H1117 | H1118 | H1119 | H1120 | H1121 | H1122 | H1123 | H1124 | H1125 | H1126 | H1127 | H1128 | H1129 | H1130 | H1131 | H1132 | H1133 | H1134 | H1135 | H1136 | H1137 | H1138 | H1139 | H1140 | H1141 | H1142 | H1143 | H1144 | H1145 | H1146 | H1147 | H1148 | H1149 | H1150 | H1151 | H1152 | H1153 | H1154 | H1155 | H1156 | H1157 | H1158 | H1159 | H1160 | H1161 | H1162 | H1163 | H1164 | H1165 | H1166 | H1167 | H1168 | H1169 | H1170 | H1171 | H1172 | H1173 | H1174 | H1175 | H1176 | H1177 | H1178 | H1179 | H1180 | H1181 | H1182 | H1183 | H1184 | H1185 | H1186 | H1187 | H1188 | H1189 | H1190 | H1191 | H1192 | H1193 | H1194 | H1195 | H1196 | H1197 | H1198 | H1199 | H1200 | H1201 | H1202 | H1203 | H1204 | H1205 | H1206 | H1207 | H1208 | H1209 | H1210 | H1211 | H1212 | H1213 | H1214 | H1215 | H1216 | H1217 | H1218 | H1219 | H1220 | H1221 | H1222 | H1223 | H1224 | H1225 | H1226 | H1227 | H1228 | H1229 | H1230 | H1231 | H1232 | H1233 | H1234 | H1235 | H1236 | H1237 | H1238 | H1239 | H1240 | H1241 | H1242 | H1243 | H1244 | H1245 | H1246 | H1247 | H1248 | H1249 | H1250 | H1251 | H1252 | H1253 | H1254 | H1255 | H1256 | H1257 | H1258 | H1259 | H1260 | H1261 | H1262 | H1263 | H1264 | H1265 | H1266 | H1267 | H1268 | H1269 | H1270 | H1271 | H1272 | H1273 | H1274 | H1275 | H1276 | H1277 | H1278 | H1279 | H1280 | H1281 | H1282 | H1283 | H1284 | H1285 | H1286 | H1287 | H1288 | H1289 | H1290 | H1291 | H1292 | H1293 | H1294 | H1295 | H1296 | H1297 | H1298 | H1299 | H1300 | H1301 | H1302 | H1303 | H1304 | H1305 | H1306 | H1307 | H1308 | H1309 | H1310 | H1311 | H1312 | H1313 | H1314 | H1315 | H1316 | H1317 | H1318 | H1319 | H1320 | H1321 | H1322 | H1323 | H1324 | H1325 | H1326 | H1327 | H1328 | H1329 | H1330 | H1331 | H1332 | H1333 | H1334 | H1335 | H1336 | H1337 | H1338 | H1339 | H1340 | H1341 | H1342 | H1343 | H1344 | H1345 | H1346 | H1347 | H1348 | H1349 | H1350 | H1351 | H1352 | H1353 | H1354 | H1355 | H1356 | H1357 | H1358 | H1359 | H1360 | H1361 | H1362 | H1363 | H1364 | H1365 | H1366 | H1367 | H1368 | H1369 | H1370 | H1371 | H1372 | H1373 | H1374 | H1375 | H1376 | H1377 | H1378 | H1379 | H1380 | H1381 | H1382 | H1383 | H1384 | H1385 | H1386 | H1387 | H1388 | H1389 | H1390 | H1391 | H1392 | H1393 | H1394 | H1395 | H1396 | H1397 | H1398 | H1399 | H1400 | H1401 | H1402 | H1403 | H1404 | H1405 | H1406 | H1407 | H1408 | H1409 | H1410 | H1411 | H1412 | H1413 | H1414 | H1415 | H1416 | H1417 | H1418 | H1419 | H1420 | H1421 | H1422 | H1423 | H1424 | H1425 | H1426 | H1427 | H1428 | H1429 | H1430 | H1431 | H1432 | H1433 | H1434 | H1435 | H1436 | H1437 | H1438 | H1439 | H1440 | H1441 | H1442 | H1443 | H1444 | H1445 | H1446 | H1447 | H1448 | H1449 | H1450 | H1451 | H1452 | H1453 | H1454 | H1455 | H1456 | H1457 | H1458 | H1459 | H1460 | H1461 | H1462 | H1463 | H1464 | H1465 | H1466 | H1467 | H1468 | H1469 | H1470 | H1471 | H1472 | H1473 | H1474 | H1475 | H1476 | H1477 | H1478 | H1479 | H1480 |
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| ID | Task Name | Duration | Start | Finish | % Complete | H1 | H2 | H3 | H4 | H5 |
|-----|---|-------------|--------------|--------------|------------|----|----|----|----|----|
| 253 | Foundations - Tower 16 to 20 (6 WFOs) | 7.6 days | Thu 10/16/14 | Tue 10/28/14 | 12% | | | | | |
| 254 | Steps Top Soil & Level Pad Sites | 3 days | Thu 10/16/14 | Tue 10/21/14 | 33% | | | | | |
| 255 | Excavate | 3 days | Fri 10/17/14 | Wed 10/22/14 | 33% | | | | | |
| 256 | Initial Forms, Bolt Caps, Rebar & Pour Base | 3.5 days | Tue 10/21/14 | Fri 10/24/14 | 0% | | | | | |
| 257 | Initial Forms, Rebar & Pour Footings | 3.5 days | Wed 10/22/14 | Mon 10/27/14 | 0% | | | | | |
| 258 | Backfill | 3 days | Thu 10/23/14 | Tue 10/28/14 | 0% | | | | | |
| 259 | Foundations - Tower 7 to 11 (6 WFOs) | 7.6 days | Tue 10/21/14 | Fri 10/31/14 | 0% | | | | | |
| 260 | Steps Top Soil & Level Pad Sites | 2.5 days | Tue 10/21/14 | Mon 10/27/14 | 0% | | | | | |
| 261 | Excavate | 2.5 days | Wed 10/22/14 | Tue 10/28/14 | 0% | | | | | |
| 262 | Initial Forms, Bolt Caps, Rebar & Pour Base | 3 days | Thu 10/23/14 | Mon 10/27/14 | 0% | | | | | |
| 263 | Initial Forms, Rebar & Pour Footings | 3 days | Fri 10/24/14 | Tue 10/28/14 | 0% | | | | | |
| 264 | Backfill | 2.5 days | Mon 10/27/14 | Thu 10/30/14 | 0% | | | | | |
| 265 | Foundations - Tower 12 to 16 (6 WFOs) | 7.6 days | Fri 10/24/14 | Tue 11/4/14 | 16% | | | | | |
| 266 | Steps Top Soil & Level Pad Sites | 1.5 days | Mon 10/27/14 | Mon 10/27/14 | 33% | | | | | |
| 267 | Excavate | 1.5 days | Mon 10/27/14 | Tue 10/28/14 | 33% | | | | | |
| 268 | Initial Forms, Bolt Caps, Rebar & Pour Base | 2 days | Tue 10/28/14 | Mon 11/3/14 | 0% | | | | | |
| 269 | Initial Forms, Rebar & Pour Footings | 2 days | Thu 10/30/14 | Mon 11/3/14 | 0% | | | | | |
| 270 | Backfill | 1.5 days | Fri 10/31/14 | Tue 11/4/14 | 0% | | | | | |
| 271 | Electrical Installation | 219.75 days | Tue 9/2/14 | Mon 7/6/15 | 2% | | | | | |
| 272 | 34.8KV Underground Collection System | 219.75 days | Tue 9/2/14 | Mon 7/6/15 | 2% | | | | | |
| 273 | 34.8KV Underground Collection System Installation | 219.75 days | Tue 9/2/14 | Mon 7/6/15 | 2% | | | | | |
| 274 | Circuit 18 Home Run (Substation-B31-B18) (B2) | 5.5 days | Tue 10/7/14 | Tue 10/14/14 | 0% | | | | | |
| 275 | Circuit 2 Home Run (Substation-B31-B25) | 10 days | Tue 10/14/14 | Tue 10/28/14 | 0% | | | | | |
| 276 | Circuit 3 Home Run (Substation-B31-B33) | 7.5 days | Tue 10/28/14 | Fri 11/7/14 | 0% | | | | | |
| 277 | Circuit 4 Home Run (Substation-B41-B42) | 5 days | Fri 11/7/14 | Mon 11/17/14 | 0% | | | | | |
| 278 | Substation Installation | 213.8 days | Wed 10/1/14 | Mon 7/27/15 | 1% | | | | | |
| 279 | Substation Procurement | 184.8 days | Wed 10/1/14 | Tue 6/9/15 | 0% | | | | | |
| 280 | 230 KV Breaker | 19 wks | Wed 10/1/14 | Tue 6/9/15 | 0% | | | | | |
| 281 | Manufacture 34.5 KV Circuit Breakers | 28 wks | Wed 10/1/14 | Mon 5/25/15 | 0% | | | | | |
| 282 | Manufacture 230KV Switches | 20 wks | Wed 10/1/14 | Wed 3/18/15 | 0% | | | | | |
| 283 | Manufacture 34.5 KV Switches | 20 days | Wed 10/1/14 | Wed 10/29/14 | 0% | | | | | |
| 284 | Manufacture and Deliver Control Building | 20 wks | Wed 10/1/14 | Wed 3/18/15 | 0% | | | | | |
| 285 | Substation Construction | 213.06 days | Wed 10/1/14 | Mon 7/27/15 | 7% | | | | | |
| 286 | Subcontractor Mobilization | 7 days | Wed 10/1/14 | Fri 10/10/14 | 100% | | | | | |
| 287 | Below Grade Conduit & Grounding | 11 days | Thu 10/23/14 | Fri 11/7/14 | 0% | | | | | |
| 288 | Foundation Works | 15 days | Fri 11/7/14 | Fri 11/28/14 | 5% | | | | | |
| 289 | Communications & Backup Power | 88.87 days | Wed 10/1/14 | Thu 10/28/15 | 0% | | | | | |
| 290 | Design & Order T1 & POTS Lines | 3.2 mons | Wed 10/1/14 | Wed 12/31/15 | 0% | | | | | |
| 291 | Design & Order Backup Power for Control Building | 3.2 mons | Wed 10/1/14 | Wed 12/31/15 | 0% | | | | | |
| 292 | ODM Building Installation | 78 days | Mon 8/18/14 | Tue 12/30/14 | 16% | | | | | |
| 293 | Initial Conduits & Pour Foundation | 28 days | Mon 8/25/14 | Thu 11/6/14 | 20% | | | | | |
| 294 | First Building | 20 days | Thu 11/6/14 | Thu 12/4/14 | 0% | | | | | |
| 295 | Met Instrumentation Installation | 287.76 days | Mon 8/11/14 | Wed 8/30/15 | 4% | | | | | |
| 296 | Procure, Manufacture & Deliver to Site | 36 wks | Fri 8/15/14 | Mon 5/19/15 | 0% | | | | | |